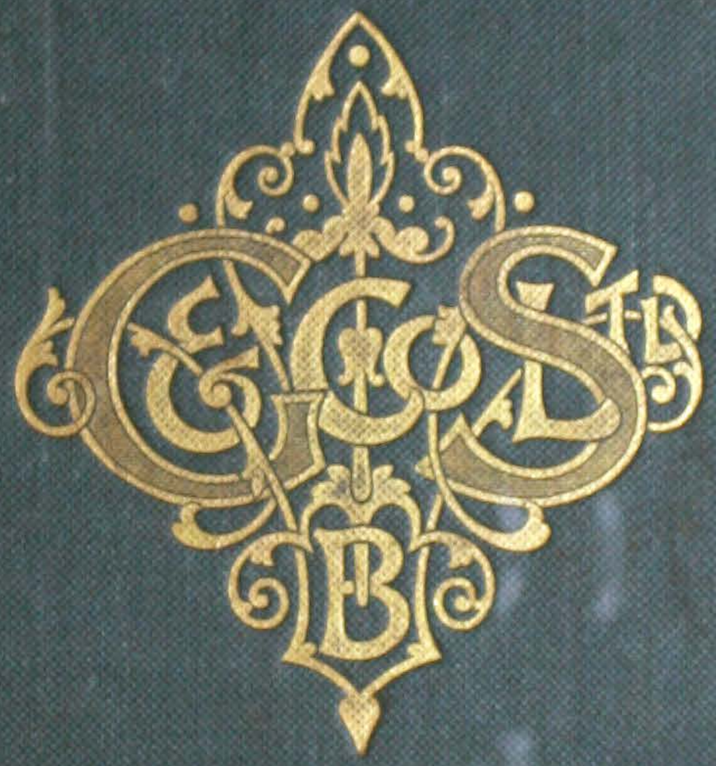


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BRASS AND IRON CABINET LOCKS.



TILL OR DRAWER LOCKS.

Iron			2¾ inch.
G 1.—One-wheel	4 keyed	... ...	2/- doz.
	12 ,,	... ...	2/8 ,,
G 2.—Two-wheel, tumbler	4 ,,	... ...	3/4 ,,
	12 ,,	... ...	4/- ,,
G 2300.—Two-wheel, tumbler, broad bolt	4 ,,	... ..	5/9 ,,
	12 ,,	... ...	6/6 ,,
G 3.—Three-wheel, tumbler, brass bolt	12 ,,	... ...	7/3 ,,
G 4.—Three-wheel L and cap ward	12 ,,	... ...	10/6 ,,
G 6901.—Do., brass bolt, best finish ...	12 ,,	... ...	15/- ,,
G 2301.—Two-lever, brass bolt ...	12 ,,	... ...	10/- ,,

Brass.		1½	2	2½	2¾	3 inch.
G 6.—One-wheel tumbler	4 keyed	—	—	—	5/9	— doz.
	12 ,,	8/3	6/6	7/3	7/3	— ,,
G 7.—One-lever ...	4 ,,	—	—	—	6/-	— ,,
	12 ,,	10/6	8/9	8/9	8/9	— ,,
G 8.—One-lever, brass cap	4 ,,	—	—	—	12/-	— ,,
	12 ,,	13/9	13/9	13/9	13/9	16/- ,,
G 9.—Two-lever ...	4 ,,	—	—	—	13/9	— ,,
	12 ,,	16/6	16/6	16/6	16/6	18/9 ,,
G 10.—Four-lever ...	12 ,,	20/-	20/-	21/-	21/-	23/6 ,,
G 2302.—Two-lever, brass cap ...	2 ,,	—	2/-	2/-	2/-	2/2 each.
G 2303.—Four-lever, brass cap ...	2 ,,	—	2/4	2/4	2/4	2/8 ,,
G 11.—Four-lever, pin key, curtain ward, brass cap	2 ,,	—	3/6	3/8	3/8	4/- ,,
G 12.—One-wheel to spring, 12	,,	—	1/9	—	2/-	— ,,
G 13.—Two-wheel, plate ward to spring	12 ,,	—	2/4	—	2/8	— ,,

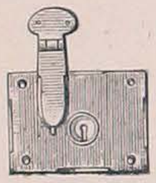
Nos. 9 and 10 are kept to differ.



STRAIGHT CUPBOARD LOCKS.

Iron.		3	3½	4 inch.
G 14.—Japanned one-wheel, tumbler		3/3	3/3	3/3 doz.
G 15.— ,, three ,,		3/9	3/9	3/9 ,,
G 2305.—Two-wheel & nose ward, brass bolt		7/3	7/3	7/3 ,,
G 16.—Bright two-wheel, plate ward		6/9	6/9	6/9 ,,
G 17.— ,, three ,, ,, brass bolt		11/-	11/-	11/- ,,
G 18.—Best two-wheel, L nose and plate		15/-	15/-	15/- ,,
Brass.	**2**	**2½**	**3**	**3½ inch.**
G 19.—One-wheel, tumbler ...	8/3	9/-	10/-	— doz.
G 20.— ,, ,, screwed cap	13/3	14/-	15/-	— ,,
G 22.—One-lever ...	12/6	13/6	14/6	17/3 ,,
G 23.—Two ,, long shoot ...	16/6	17/3	18/-	20/6 ,,
G 24.—Three ,, ,, ...	18/9	19/9	20/6	24/- ,,
G 2307.—Two-lever, long shoot, two keyed	2/-	2/-	2/2	— each.
G 25.—Four-lever, curtain ward, two keyed, pin key ...	4/-	4/-	4/-	4/6 ,,

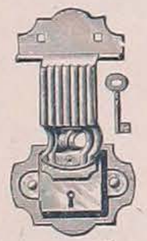
All the above locks are double handed.



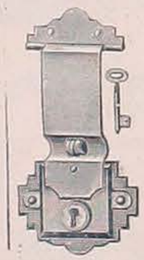
TRUNK LOCKS.

Japanned Iron.	3	3½	4 inch.
G 43.—Two-wheel, spring ...	4/6	4/9	5/3 dozen.
G 46.—Three-wheel, tumbler ...	8/-	8/9	9/9 ,,
Brass.			
G 47.—Two-wheel, tumbler ...	9/6	11/-	12/6 ,,
G 48.—Two-lever, two keyed ...	2/-	2/3	2/6 each.

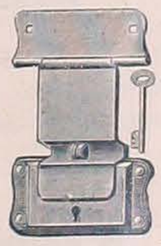
SCARBOROUGH TRUNK LOCKS, with Patent Secure Joints.



G 2312.—8d. each,



G 2313.—1/- each.



G 2314.—1/6 each.



CUT CUPBOARD LOCKS.

Brass.	2	2½	3	3½ inch.
G 31.—One-wheel and tumbler ...	6/3	6/3	6/6	— dozen.
G 33.—One-lever, blued cap ...	6/3	6/3	6/9	— ,,
G 34.—Two ,, brass ,, ...	15/6	15/6	15/6	19/6 ,,
G 35.—Three ,, ,, ,, ...	26/9	26/9	26/9	32/- ,,
G 2309.—Three-lever, brass cap, two keyed ...	2/-	2/-	2/-	— each.
G 36.—Four-lever, curtain ward, two keyed, pin key...	4/-	4/-	4/-	— ,,



BRASS LINKING PLATE CUPBOARD LOCKS, Double-Hand.

	2	2½	3	3½ inch.
G 37.—One-lever	1/10	1/10	1/10	2/3 each.
G 38.—Two ,, brass cap	—	2/8	2/8	3/- ,,



BRASS PEDESTAL SIDEBOARD LOCKS.

	2½	3	3½ inch.
G 40.—One-lever	1/2	1/2	1/8 each.
G 41.—Two ,, brass cap ...	2/-	2/-	2/3 ,,

CIRCULAR BOLT CABINET LOCKS.

ALL BRASS.



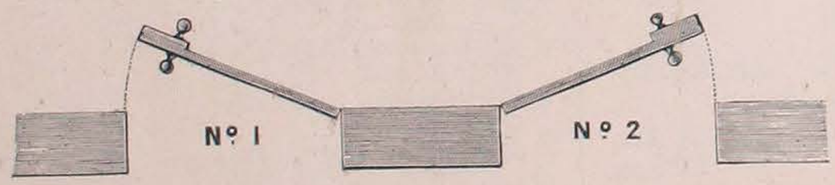
G 2310.—3 in. Mortice, 2/10 each.



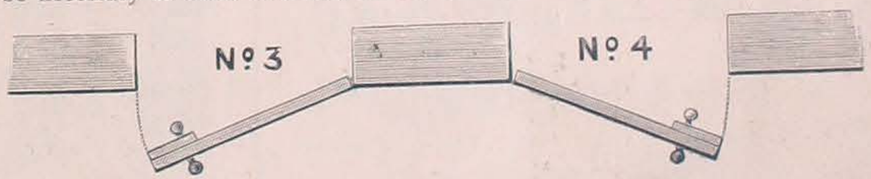
G 2311.—3 in. Cut, 2/10 each.

DIRECTIONS FOR ORDERING DOOR LOCKS.

N.B.—In ordering locks for street, room, cupboard, or any other description of DOOR, it will be necessary to state in which of the four following ways the door opens.



OUTSIDE OF DOORS.



OUTSIDE OF DOORS.

In all cases the reader is supposed to stand FACING THE DOOR, OUTSIDE IT, the lock (unless a mortice lock) being fixed on the inside. It will be sufficient to say "the door opens as No. " (quoting the No. of the four drawings). The thickness of the door may also be stated.

Street and room doors usually open as Nos. 1 or 2. The doors of cupboards, sideboards, wardrobes, closets, and cellars mostly open as Nos. 3 or 4.

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS AND IRON CABINET LOCKS AND PADLOCKS.



BOX OR CHEST LOCKS.

Iron.	3	3½	4 inch.
G 51.—Bright two-wheel, single link	2/3	3/-	3/6 doz.
G 52.—Japanned one-wheel, tumbler, double link ...	4/-	4/-	4/- ,
G 53.—Bright two-wheel ditto ...	4/6	4/6	4/6 ,,
G 54.—Bright three-wheel ditto ...	7/3	7/3	7/3 ,,
G 2315.—Three-wheel and cap ward	9/3	9/3	9/3 ,,
G 55.—Bright two-wheel, L and plate ward ...	12/3	12/3	12/3 ,,
G 56.—Tool chest, to lock and spring	2/-	2/-	2/- each.

Brass.	1½	2	2½	3	3½	4 inch.
G 57.—One-wheel, spring, single link	4/6	4/6	4/9	—	—	— doz.
G 58.—One-wheel, tumbler, double link	4/9	4/9	6/6	7/6	—	— ,,
G 59.—Two-wheel, tumbler, ditto	12/3	12/3	14/-	15/6	—	— ,,
G 60.—One-lever, all brass, ditto	16/-	16/-	16/9	17/6	20/-	28/- ,,
G 61.—Two-lever ditto ...	18/6	18/6	19/6	20/-	23/6	31/- ,,
G 61A.—Ditto, 2 keyed ...	—	2/-	2/3	2/6	—	— each.
G 62.—Four-lever, curtain ward, 2-keyed, pin key	—	4/-	4/-	4/-	—	— ,



BRASS CAMP DESK LOCKS.

	2	2¼	2½ inch.
G 63.—One-wheel, spring	10d.	10½d.	11d. each.
G 64.—Step ward, tumbler, all brass	1/8	1/8	1/10 ,,
G 65.—Two-lever, all brass ...	2/9	2/9	2/9 ,,



BRASS WARDROBE LOCKS.

	3½ inch.
G 66.—One-lever, black cap	1/1 each.
G 67.—One-lever, blued cap	2/4 ,,
G 68.—Two-lever, all brass	3/4 ,,
G 69.—Link plate, two-lever, all brass	3/9 ,,

KNOBS & SPINDLES for Wardrobe Locks.

Oak	6d. each.
Ebony	6d. ,,
White China	5½d. ,,
Black ,, ...	5½d. ,,

If with gold lines, 2d. each extra.

Moulded Crystal Glass...	1/- ,,
Cut ,, ...	3/- ,,

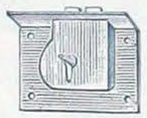
If Amber moulded, 2d.; Cut, 6d. each extra.

Polished Brass—*see Cabinet Furniture.*



SLOPING DESK LOCKS.

Iron.	3	3½	4 inch.
G 70.—Three-wheel, tumbler ...	9½d.	9½d.	9½d. each.
G 71.—Two-wheel, L ward, tumbler	1/8	1/8	1/8 ,,
Brass.	**2**	**2½**	**3 inch.**
G 72.—One-wheel, tumbler ...	6d.	9d.	11½d. each.
G 73.—Three-wheel, ditto ...	1/8	1/10	2/- ,,
G 74.—Two-lever, all brass ..	2/-	2/-	2/- ,,



BRASS BUREAU LOCKS.

	3	3½ inch.
G 75.—Three-wheel, tumbler	2/-	2/10 each.



BRASS PORTFOLIO LOCKS.

	1⅜	2⅛ inch.
G 76.—Spring	1/3	— each.
G 77.—One-Lever	—	2/- ,,
G 78.—Two-Lever	—	3/- ,,



PADLOCKS.

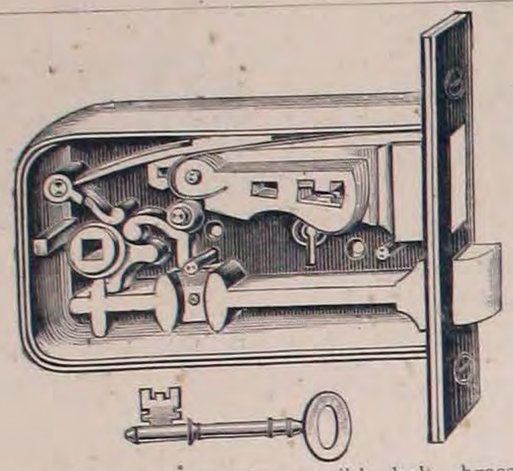
Japanned Iron.	1½	2	2¼	2½	3 inch.
G 79.—One-wheel, tumbler ...	3/9	4/-	4/3	4/6	— doz.
G 80.—Two-wheel do. ...	6/-	6/6	7/-	7/6	— ,,
G 81.— Ditto bridge ward do.	7/-	7/6	8/-	8/6	— ,,
G 82.—Three-wheel do. do.	—	10/6	11/-	11/6	— ,,
G 84.—Three-wheel, 2 bridge ward, double cased	—	14/6	15/-	15/6	— ,,
G 83A.—One-wheel, two bridge ward, 2-keyed ...	—	1/10	2/-	2/3	— each.
G 85.—Two-keyed, three-wheel, bridge ward, double cased ...	—	—	—	3/6	3/9 ,,
G 86.—Two-keyed, Baron's patent	—	—	—	—	4/6 ,,
G 2316.—Two-keyed, two-lever	—	2/8	2/10	3/-	3/6 ,,
G 87.—Two-keyed, four-lever	—	3/-	3/3	3/6	4/- ,,
G 88.—Sets of 6, to differ, and 1 master key ...	—	—	—	9/6	10/6 per set
G 89.—Ditto ditto	—	—	—	12/3	14/- ,,

Galvanized Iron.	2	2¼	2½	3 inch.
G 90.—One-wheel	—	6/-	6/6	7/- — doz.
G 91.—Step and plate ward, brass shackle ...	—	10/-	11/-	12/- — ,,
G 92.—Two-wheel and bridge ward ditto	—	14/-	15/-	15/6 — ,,
G 93.—Three-wheel and bridge ward ditto	—	24/6	25/-	26/- — ,,
G 91A.—Two-keyed, step and plate ward ditto ...	—	1/3	1/4	1/6	1/8 each.
G 93A.—Two-keyed, three-wheel and bridge ward ditto	—	2/10	3/-	3/3	3/6 ,,
G 6904.—Two-keyed, four-lever	—	3/-	3/3	3/6	4/- ,,
G 6905.—Sets of 6, to differ, and 1 master key	—	—	—	10/-	11/- per set
G 6906.—Ditto ditto ...	—	—	—	13/-	15/- ,,

Brass.	1	1¼	1½	2	2½ inch.
G 94.—One-wheel, spring ...	2/3	2/3	3/3	—	— doz.
G 95.— Ditto tumbler ...	3/9	3/9	4/6	—	— ,,
G 96.— Ditto spring, large pin	5/-	5/-	6/-	—	— ,,
G 97.—One-wheel and bridge, tumbler	—	5/6	6/6	—	— ,,
G 98.—Three-wheel and bridge ditto	—	9/6	10/6	15/6	— ,,
G 99.—Step ward ditto, all brass	—	—	10/6	16/3	23/- ,,
G 2317.—Four-lever, all brass	—	—	25/-	27/-	— ,,
G 102.—Two-keyed two-lever with Steel Shackle	—	—	3/-	3/6	4/9 each.
G 103.—Ditto, four-lever do.	—	—	—	4/6	5/6 ,,

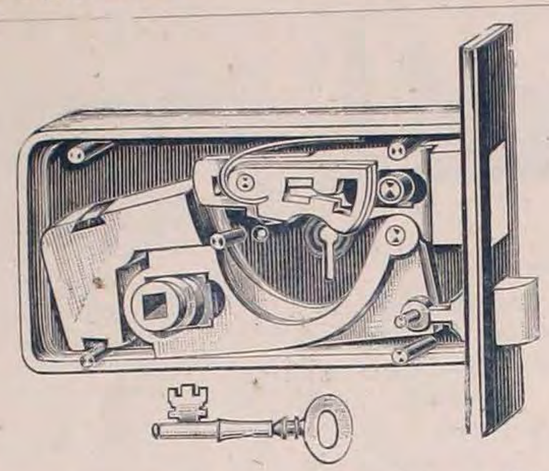
The varieties described represent in many cases but a small selection from those in stock. When ordering Wardrobe Locks, please state hands, see page 1.
Further details and special prices for large quantities will be sent on receipt of requirements.

BEST MORTICE AND RIM LOCKS.



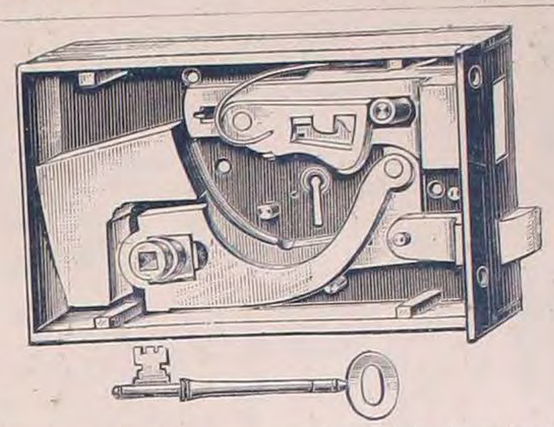
G 2320.—Four-lever, gun metal reversible bolt, brass bushed, palace motion, steel follower ... 6 in. 8/-; 7 in. 10/- each.

If made to pass	...	...	...	4d. each extra.
If made to differ en suite with master key			...	1/3 ,, ,,
Master key ...	...	...	...	3/- ,, ,,
Ordinary key	...	...	...	1/3 ,, ,,

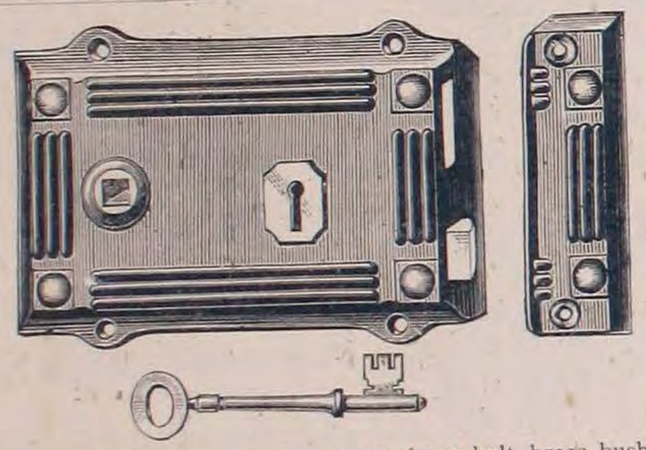


G 2321.—Two-lever, brass reversible bolt, weighted, brass bushed, steel follower.
6 inch 8/- each.

G 2322.—One-lever, sash ward, do. do. japanned case.
6 inch 3/9 each.

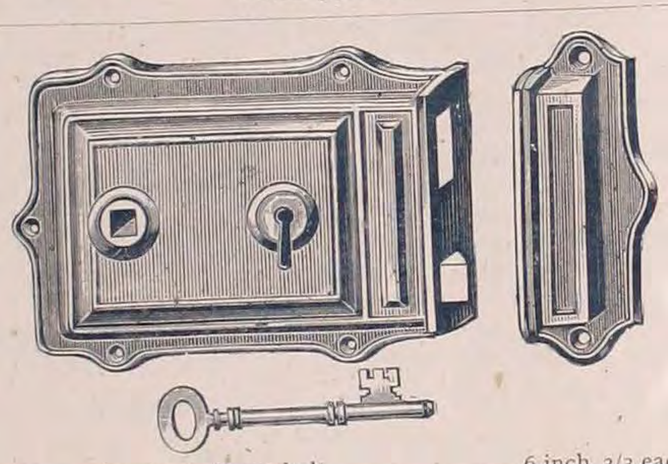


G 2323.—One-lever, weighted brass bolt, brass bushed.
6 inch 4/- each.

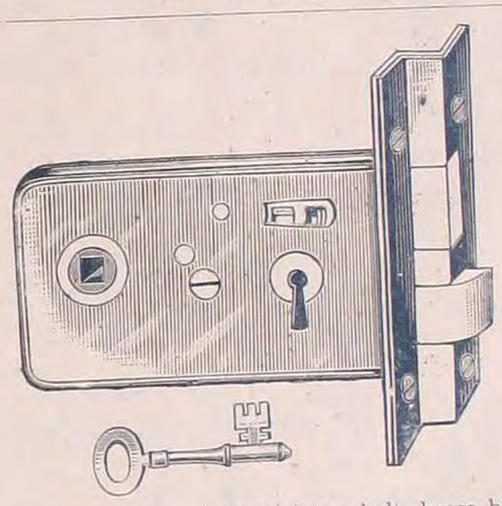


G 2325.—Two-lever, japanned cast case, brass bolt, brass bushed.
6 inch 3/8 each.

G 2326.—One-lever, japanned cast case, brass bolt, brass bushed.
6 inch 3/3 each.

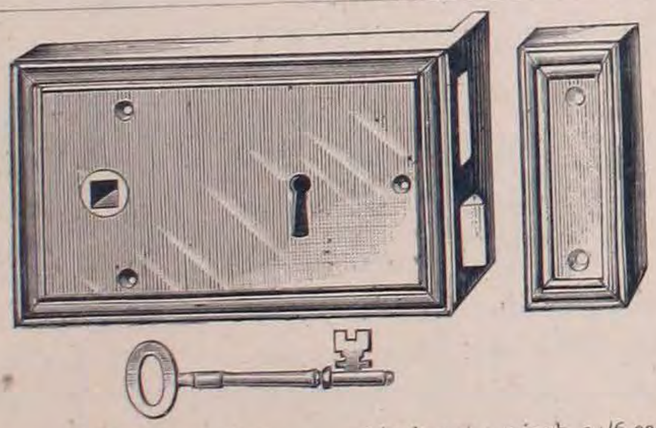


G 2327.—One-lever, brass bolt ... ... 6 inch 3/3 each
G 2328.—One-lever, iron bolt ... ... 6 ,, 2/9 ,,

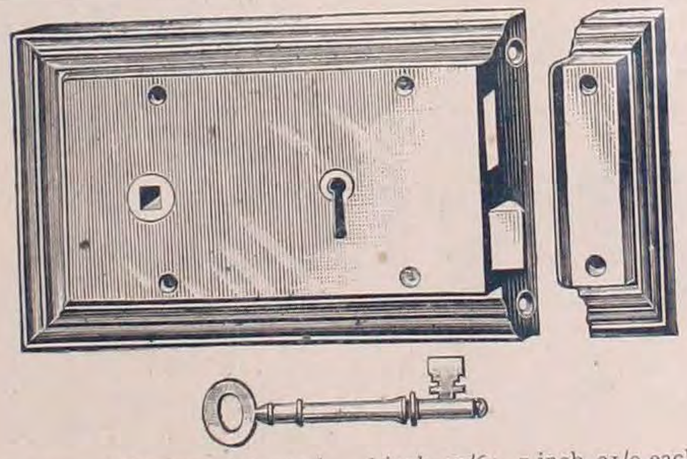


G 2329.—Full rebated, two-lever, brass bolt, brass bushed, steel follower.
6 inch 11/6; 7 inch 13/6 each.

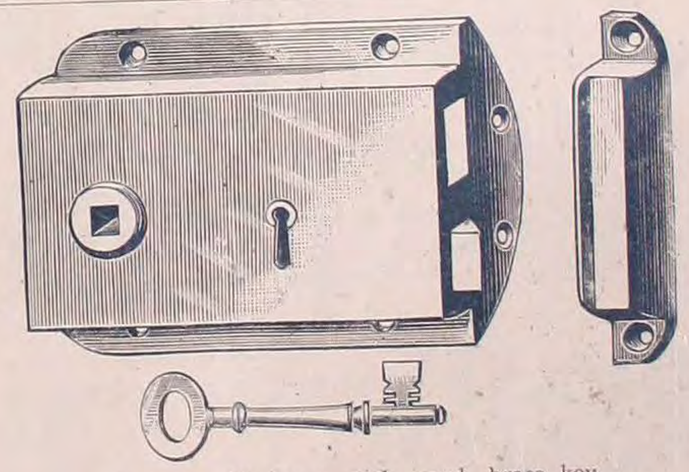
G 2330.—Do. do. half rebated ... 6 inch 7/-; 7 inch 8/9 each.



G 2331.—All brass, one-lever ... 6 inch 19/-; 7 inch 24/6 each.



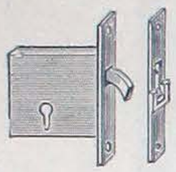
G 2332.—All brass, sash ward 6 inch 17/6; 7 inch 21/9 each.



G 2333.—All brass, sash ward, brass key.
6 inch 7/6; 7 inch 11/6; 8 inch 16/- each.

Illustrations are about one-third full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements. *For other patterns see pages 4 and 5.*

MORTICE AND GATE LOCKS AND LATCHES.

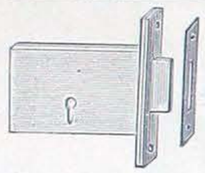


MORTICE SLIDING DOOR LOCKS.

	2½	3 inch.
G 111.—Brass bolt ..	4/6	4/6 each.
G 112.—All brass ...	5/9	5/9 ,,
	6	7 inch.
G 2334.—Brass bolt ...	6/-	7/- each.

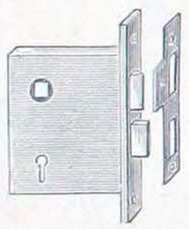


	3	3½	4 inch.
G 2335.—All brass, sash ward, one bolt to spring, with follow, gun-metal key ...	8/3	8/6	9/- each.



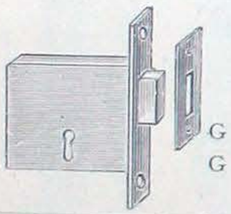
MORTICE SASH DEAD LOCKS.

	1½ to 3	3½	4 inch.
G 113.—Sash ward	2/10	3/3	3/6 each.
G 114.—Solid ward, brass bolt, two-keyed	6/-	6/6	6/9 ,,
G 115.—Four-lever do. do.	8/6	8/6	8/6 ,,
G 116.—To spring, sash ward ...	2/10	3/3	3/6 ,,
G 118.—To lock and spring, solid ward, brass bolt, two-keyed ...	6/6	7/-	7/9 ,,



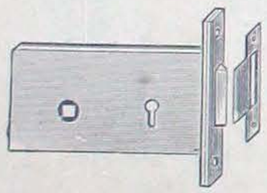
TWO-BOLT MORTICE SASH LOCKS.

	1½ to 3	3½	4 inch.
G 120.—Sash ward	3/9	4/-	4/6 each.
	3	3½	4 inch.
G 2336.—Solid brass ward, two keyed ...	7/6	7/9	8/3 each.
	1½ to 3	3½	4 inch.
G 121.—Sash ward, half rebated ...	4/9	5/-	5/6 each.



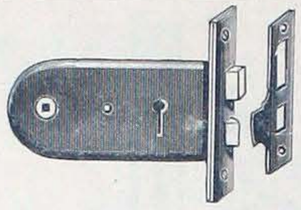
MORTICE DEAD GATE LOCKS.

	2 to 3	3½	4 inch.
G 124.—Fine ward	2/4	2/4	2/9 each.
G 125.—Solid ward, brass bolt	4/-	4/-	4/6 ,,



ONE-BOLT MORTICE LOCKS.

	4	5	6 inch.
G 127.—Sash ward	3/4	3/4	3/4 each.
G 128.—Two-lever	—	—	4/- ,,



TWO-BOLT MORTICE LOCKS.

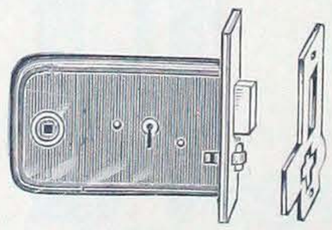
	5	6	7 inch.
G 132.—Sash ward	—	18/9	— doz.
G 133.—Ditto shifting bolt ...	20/6	20/6	— ,,
G 134.—Ditto brass bolt ...	23/-	23/-	— ,,
G 2100.—One-lever, double-handed, brass bolts	—	30/-	— ,,
G 2101.—Sash ward, ditto ...	—	23/6	— ,,
G 135.—Two-lever, shifting bolt ...	—	34/-	— ,,
G 136.—Ditto brass bolt ...	—	37/6	51/- ,,
G 138.—Solid ward, palace motion, shifting bolt, brass bushed, steel follower	—	52/6	— ,,
G 139.—Ditto ditto brass bolts...	—	58/-	75/- ,,
G 141.—Two-lever, palace motion, shifting bolts, brass bushed, steel follower	6/6	6/6	8/3 each.
G 2102.—Ditto, gun metal bushed, and gun metal bolts ...	—	7/-	8/9 ,,
G 2338.—Half rebate, sash ward, brass bolt	3/6	3/6	— ,,
G 145.—Ditto, solid ward, palace motion, steel follower ...	6/6	6/6	8/3 ,,
G 2339.—Full rebate, sash ward, brass bolt	8/3	8/3	— ,,
G 148.—Ditto solid ward, palace motion, steel follower ...	11/3	11/3	13/6 ,,

All rebated Locks are kept in stock for ½-inch rebate.

For better qualities, *see page* 3.

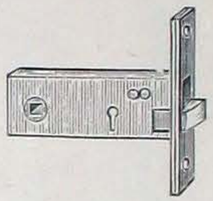
			6 × ½ inch.
G 149A.—All brass mortice locks, sash ward, shifting bolt	...	..	6/9 each.

	4 × ½	5 × ½	6 × ½ inch.
G 149B.—Ditto ditto, solid ward	7/3	7/6	8/6 each.



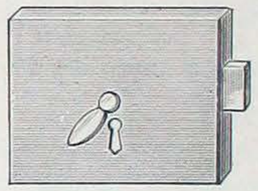
ROLLER BOLT MORTICE LOCKS.

				6 inch.
G 140.—Two-lever, palace motion, brass bushed, steel follower	...	...	...	8/6 each.
G 137.—Sash ward, ditto ditto		...	...	45/- doz.



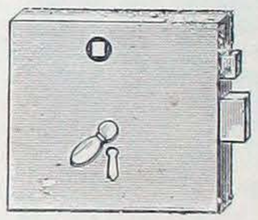
CENTRE BIT MORTICE LOCKS.

			21/- dozen.
G 2103.—Sash ward, brass bolt, 5 inch	...	...	
G 150.—One-lever, 5 inch	... ...	...	39/6 ,,
G 151.—Ditto 5 ,, brass bolt	...	...	41/- ,,
G 152.—Ditto 5 ,, all brass	...	...	60/- ,,



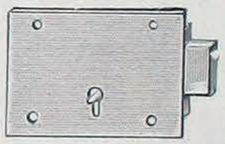
DEAD LOCKS FOR IRON GATES.

	4	5	6 inch.
G 154.—Fine ward	2/2	2/2	3/- each.
G 155.—Solid ward, brass bolt ...	4/-	4/-	4/10 ,,



TWO-BOLT LOCKS FOR IRON GATES.

	5	6	7 inch.
G 157.—Fine ward	5/-	6/6	7/9 each.
G 158.—Solid ward, brass bolts ...	6/6	7/9	9/3 ,,
G 159.—Ditto ditto with sham and follower	8/6	10/6	12/6 ,,

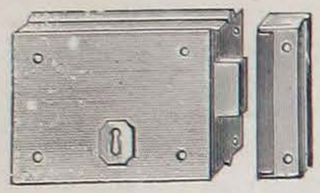


JAPANNED PRESS LOCKS.

				6/3 dozen.
G 160.—Two-wheel, 5 inch	...	...	..	
G 161.—Three-wheel, 5 inch, brass bolt	...	...		13/6 ,,
G 162.—Brass sash ward, 5 inch, brass bolt, pin key...			...	17/- ,,

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements. Lock Knobs and Furniture extra, see pages 9 to 15. When ordering Locks please state hands, see page 1.

RIM, DEAD, PLATE AND DRAW-BACK LOCKS.

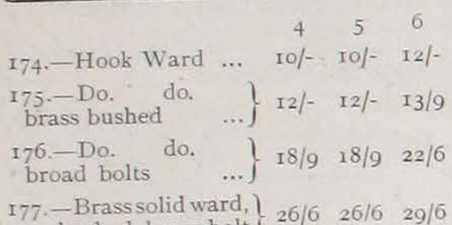


DEAD LOCKS.

	4	5	6	7	8	10	inch.
G 174.—Hook Ward ...	10/-	10/-	12/-	18/-	—	—	doz.
G 175.—Do. do. brass bushed ...	12/-	12/-	13/9	19/9	—	—	,,
G 176.—Do. do. broad bolts ...	18/9	18/9	22/6	30/6	—	—	,,
G 177.—Brass solid ward, brass bushed, brass bolt	26/6	26/6	29/6	—	—	—	,,
G 178.—Brass solid ward, brass bushed, brass bolt	—	3/6	3/9	4/9	6/-	9/3	each.
G 2106.—Hook ward, brass bushed, brass bolt, double hand ...	24/6	24/6	26/6	33/6	49/6	—	doz.
G 2340.—Solid brass ward, brass bushed, Galvanized ...	—	—	4/6	—	—	—	each.
G 177A.—Brass solid ward, brass bolt, brass bushed, two-keyed	3/-	3/-	3/3	—	—	—	,,
G 179A.—Brass solid ward, brass bushed, heavy, two-keyed ...	4/-	4/-	4/3	5/-	6/9	10/-	,,
G 180.—Two-lever, brass bolt, two-keyed ...	—	—	4/9	—	—	—	,,
G 181.—Four-lever, brass bolt, two-keyed ...	—	—	8/6	9/6	12/6	18/9	,,

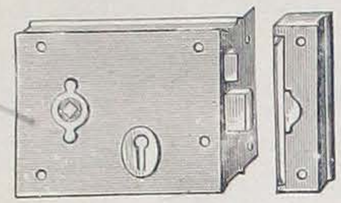
	4	5	6 inch.
G 183.—All brass, sash wards, gun metal key	5/6	5/9	6/6 each.

All the above prices include Screws and Staples.



DRAW-BACK LOCKS.

	7	8	9	10 inch.
G 222.—Fine ward...	2/9	3/-	4/6	6/3 each.
G 223.—Ditto, with back slide ...	3/3	3/6	5/-	7/- ,,
G 224.—Strong solid ward, bushed ..	—	6/3	7/9	9/6 ,,

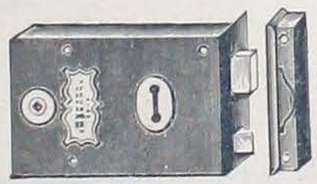


RIM LOCKS.

	5	6	7	8	9	10	inch.
G 190.—Hook ward ...	11/3	11/3	—	—	—	—	doz.
G 191.—Do. do. brass bushed	14/-	14/-	19/6	31/6	—	—	,,
G 192.—Do. do. solid ward, Scotch spring	—	16/-	23/-	35/6	—	—	,,
G 192B.—Do. do. brass bolt	—	19/6	26/6	40/6	—	—	,,
G 193.—Fine ward, Scotch spring, heavy	—	22/6	28/6	42/-	59/-	82/6	,,
G 193B.—Do. do. brass bolts	—	26/6	33/6	47/-	64/6	90/-	,,
G 2341.—Hook ward, brass bushed, steel follower, Scotch spring	—	3/9	4/6	—	—	—	each.
G 196.—Strong solid ward, Scotch Spring	—	3/-	3/6	4/9	6/6	8/3	,,
G 197.—Two-lever ...	—	3/6	4/6	—	—	—	,,
G 198.—Do. brass bolts	—	4/-	5/-	—	—	—	,,
G 199.—Solid ward brass bolts, palace motion	—	4/3	5/-	6/3	8/-	10/-	,,

	4	5	6 inch.
G 282.—All brass, sash ward, bushed follower, reversible bolt, gun metal key	6/-	6/3	6/9 each.

WROUGHT CASE.

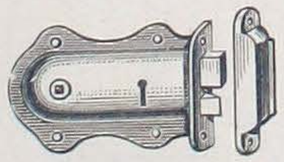


G 2108.—Hook ward, brass bushed, double hand.
6 in. 23/6; 7 in. 29/6; 8in. 45/-. doz.

G 2109.—Hook ward, brass bushed, double hand, brass bolts.
6 in. 27/6; 7 in. 33/6; 8 in. 49/6 doz.

G 2342.—Solid Ward, brass bolts.
6 in. 39/3; 7 in. 49/- doz.

NEW PATTERN RIM LOCKS.



	6 inch.
G 204.—Steel case, sash ward, with brass bolts ...	15/6 doz.
G 205.—All brass... ...	3/9 each
G 2107.—Steel, brass bushed, brass bolts, double handed	24/- doz.

All the above prices include Screws and Staples, but are exclusive of Furniture, for price of which *see pages 9 to 15.*

For better quality Rim Locks *see page 3.*

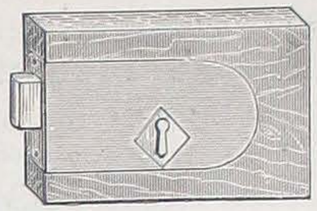
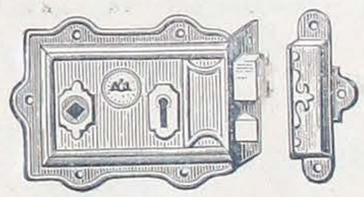


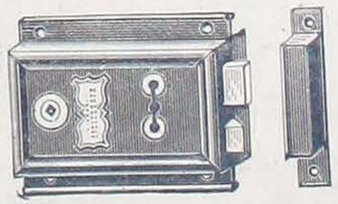
PLATE OR STOCK LOCKS.

	6	7	8	9	10	12	inch.
G 211.—Best Fine, brass wards	14/-	16/-	18/-	22/-	26/-	42/-	doz.
G 212.—Bushed ditto	—	22/-	24/-	28/-	32/-	50/-	,,
G 6908.—Do., Broad solid tail bolt	—	—	33/-	37/-	40/6	—	,,
G 6909.—Do., solid brass wards do. ...	—	—	3/9	4/-	4/6	—	each
G 214.—Bushed, full brass warded	—	—	5/3	5/6	6/-	—	,,
G 215.—Bushed, full copper ward, brass bolt...	—	—	5/9	6/3	6/9	—	,,
G 216.—Bushed, best fine, galvanized	—	—	2/9	3/2	3/6	—	,,
G 6911.—Two-keyed, bushed, brass ward, broad solid tail bolt	—	—	4/-	4/3	4/9	—	,,
G 6912.—Two-ring bowed keyed ditto ditto ...	—	—	5/3	5/9	6/3	—	,,



TWO-BOLT RIM LOCKS WITH ORNAMENTAL CASE.

G 2110.—One lever, japanned steel case, 6 in. ... 21/- dozen.
G 2110B.—Ditto ditto brass bolt .. ... 25/- ,,
G 2111.—Ditto ditto cast case, iron bolt ... 25/- ,,
G 2112.—One-lever, all brass ... ... 4/3 each.



STAMPED CASE.

G 2343.—Sash ward, brass bolts, brass bushed, double hand.
6 inch 23/- dozen.

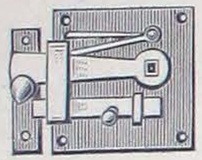


IRON CAP STAPLES.

	2	2¼	2½	2¾	3 in. width inside.
G 2114.—	1/4	1/6	1/8	2/-	2/3 dozen.

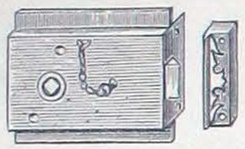
The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements. When ordering Locks please state hands, see page 1.

DOOR LOCKS, LATCHES AND BOLTS.



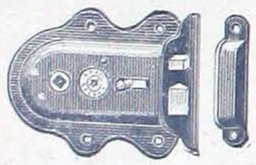
BOW LATCHES, WITH BRASS FURNITURE.

	4	4½ inch.
G 230.—Plain	7/6	7/9 doz.
G 231.—Bolted	9/3	9/6 ,,



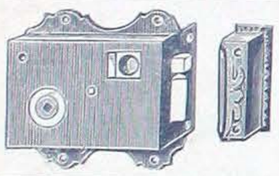
RIM LATCHES, WITH DRILLED THROUGH BRASS FURNITURE.

G 238.—Stamped case... ...	4½ inch ...	... 12/6 doz.
G 239.—Wrot case, brass bushed	4½ ,, ..	... 13/9 ,,
G 241.— ,, brass bolt ...	4½ ,, ...	... 21/9 ,,

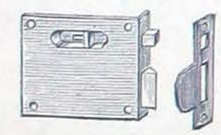


NEW PATTERN, WITH DRILLED THROUGH BRASS FURNITURE.

G 2115.—Steel case, iron bolt ...	4½ inch ...	12/3 doz.
G 243.— ,, brass bolt ...	4½ ,, ...	13/- ,,
G 243B.—All brass	4½	31/6 ,,

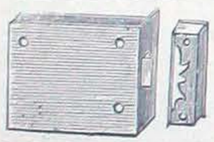


G 2344.—Steel case, brass bolt, brass bushed ... 4½ inch. 14/3 doz



BRASS W.C. LATCHES.

G 260.—Iron bolt... 3½ inch ... 2/3 each.
G 262.—Brass ,, ... 3½ ,, ... 3/- ,,
NOTE.—Follower omitted in engraving.



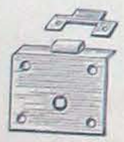
HATCH LATCHES.

G 263.—Japanned iron, brass bolts, 3 or 4 inch 2/6 each.



BRASS SECRET LATCHES.

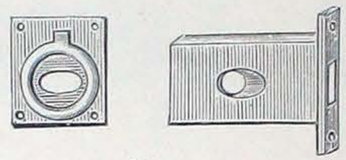
	2	2½	3 inch.
G 257.—	1/11	2/4	2/11 each.



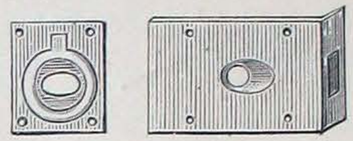
BRASS SHUTTER LATCHES.

	2½	2¾ inch.
G 258.—	1/7	1/9 each.

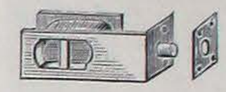
STABLE LOCKS, LATCHES, AND BOLTS.



G 2123.
6 in. Brass Bolt Mortice Latch, with brass flush handles.
9/3 each.

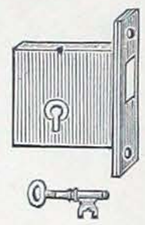


G 2124.
6 in. Iron Bolt Flush Latch, with iron flush handle.
3/3 each.

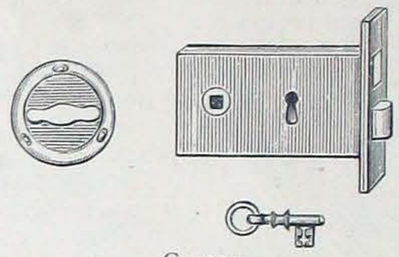


G 2125.
Flush Loose Box Bolt.

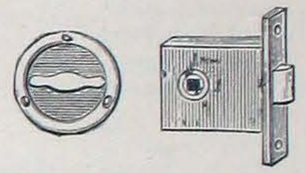
	Size 4½×1⅜	6×1¾ in.
Mall. Iron	1/9	2/- each
Brass	4/4	5/3 ,,



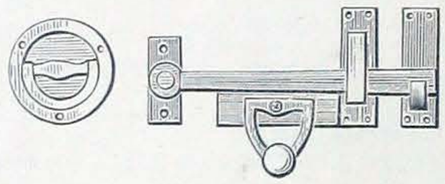
G 2126.
4 in. Mortice Dead Lock, with brass bolt.
5/9 each.



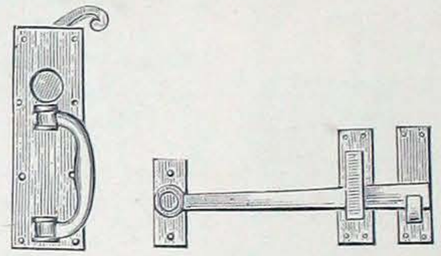
G 2127.
7 in. Best Quality Mortice Lock, with ring bow key and brass bolts, brass flush handles, and covered escutcheons.
20/- each.



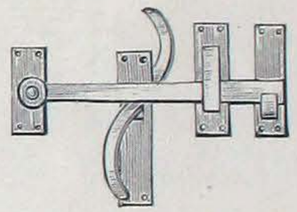
G 2128.
4 in. Best Quality Loose Box Latch, with rounded brass bolt and brass flush handles.
12/6 each.



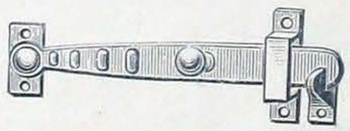
G 2129.
Malleable Iron Latch, with lever and drop flush handle.
3/- each.
Brass ditto ... ... 9/6 each.

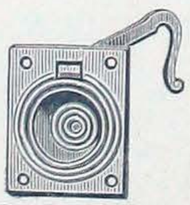


G 2130.
Malleable Iron Latch, with handle to turn back.
3/6 each.
Brass ditto ... ... 10/9 each.

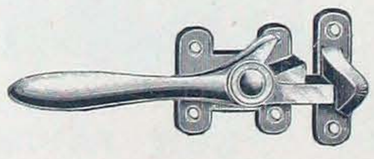


G 2131.
Malleable Iron Latch .. 2/9 each.
Brass ditto ... 8/9 ,,





Iron Latch with flush handle.
G 2122.—2½×3¼ .. 1/1 each.
3⅜×4¼ .. 1/4 ,,
3¾×4⅞ ... 1/9 ,,
Malleable Iron, 3½×4½ 3/- ,,

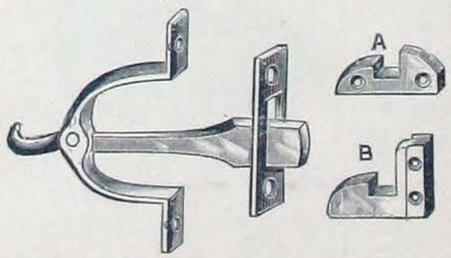


W.



S

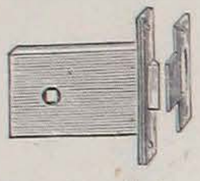
G 2345.—Malleable Iron Gate Latch ... ... 2/2 each.
G 2346.—Do. with "W" catch for wood posts to swing both ways ... 2/4 ,,
G 2347.—Do. with "S" catch for stone pillars 2/4 ,,



Malleable Iron Gate Latch.
G 2348a.—8 in., with "A" catch ... ... 1/4 each.
G 2348b.— ,, ,, "B" ,, ... 1/4 ,,
G 2349 .—6 in., without plate or catch for Iron Gates .. .. 10½d. ,,

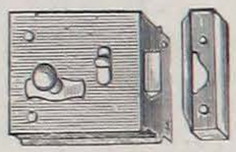
Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

IRON AND BRASS DOOR LATCHES.



MORTICE SASH LATCHES.

	1½ to 3	3½	4	5 inch.
G 235, brass bolt ...	1/10	2/-	2/3	2/6 each.
G 236, steel follow...	4/6	4/9	5/-	— ,,
G 237, Half rebated	3/-	3/6	—	— ,,

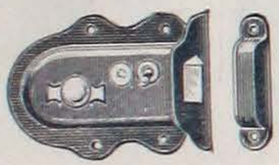


NIGHT LATCHES.

4 inch, 2 Keyed.

	doz.	each.
G 244.—One-wheel, double-hand	14/2	1/4
G 245.— ,, ,, brass bushed, step ward ...	17/9	1/8
G 246.—Step ward, double-hand	26/6	2/6
G 247.—Sash ward, brass bushed, pin key to lock	33/6	3/2
G 2350.—Two-lever, brass bolt	31/3	2/11
G 248.—Two-lever, ,, best	37/6	3/6
G 249.—Four-lever, ,, ...	52/6	5/-
G 250.—Four-lever, ,, strong ...	—	6/3
G 251.—Six-lever, ,, ...	—	8/3
G 252.—Two-lever, all brass	—	6/6

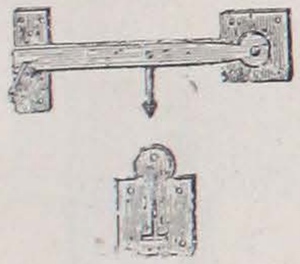
NEW PATTERN NIGHT LATCHES.



Stamped Steel Case.

4½ inch, 2 Keyed.

	doz.	each
G 2116.—Iron bolt ...	13/-	1/3
G 2117.—Brass bolt, brass bushed	21/-	2/-



FRENCH LATCHES.

G 254.—Small ...	1/8 each
G 255.—Large ...	2/3 ,,



BALE'S PATENT MORTICE LATCHES.

G 259. No.	3a	4	5	6	7	8	
Diameter of bolt ...	⅜	½	7/16	½	⅝	¾	inch.
	5d.	6d.	8d.	10d.	1/1	1/5	each
							⅞ inch.

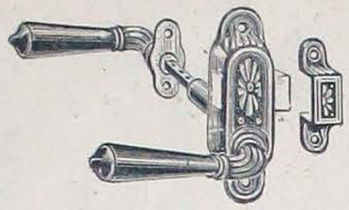
Ditto, ditto, with double-lipped striker, No. 008 ... 2/3 each.

SWING DOOR LATCHES.

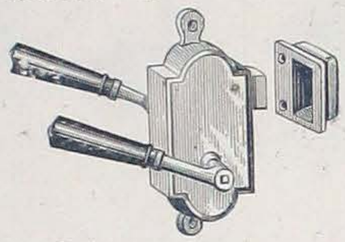


G 253. No.	1	2	3	4	
Size of plate	2½×⅝	3½×¾	4½×1	6¼×1⅝	inch.
	3d.	9d.	1/3	2/8	each.

SHOP DOOR LATCHES.

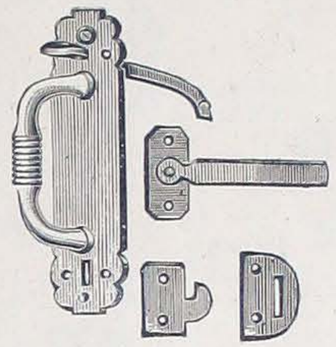


G 2133.—Bronzed iron ... ... 4/10 each.



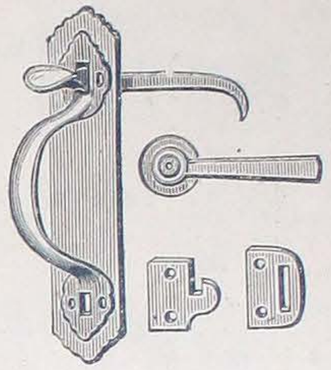
G 2134.—Japanned	6/- each.
G 2351.— ,, to lock with 2 keys ...	6/9 ,,
G 348.—Nickel plated	7/6 ,,
G 349.— ,, ,, to lock with two keys	11/6 ,,

WROUGHT IRON CANADIAN LATCH.



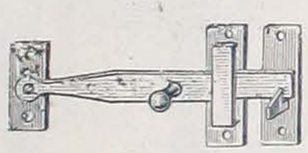
G 2353.—Plate of handle 8¼ in. long... } 6/9 doz.

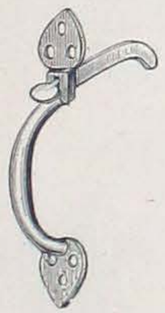
CAST CANADIAN LATCH.



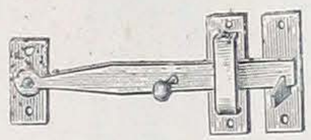
G 2354.—Japanned iron, plate of handle 8 in. long	5/- doz.
G 2118.—Best, plate of handle 8½ in. long ...	8/3 ,,
G 2119.—Brass, plate of handle 8½ in. long ...	4/6 each

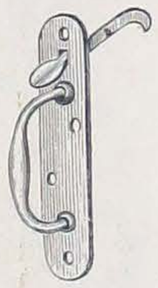
BRASS THUMB LATCHES.



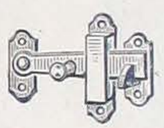


G 269.—Iron Furniture, 7 in. long 2/- each.
G 270.—Brass ,, 4 ,, 3/4 ,,





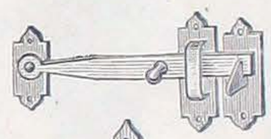
G 271.—Iron Furniture, 7 in. long 2/- each.
G 272.—Brass ,, 4 ,, 3/4 ,,

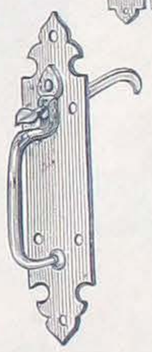




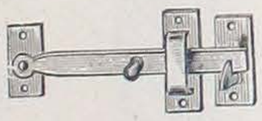
G 2120.—Brass Furniture, 4 in. long ... ... } 4/6 each.

JAPANNED IRON GOTHIC LATCH.





Size No.	2	3	
Plate of handle	9½	10¼	inches long.
G 268 ...	7/-	8/6	per doz.



JAPANNED IRON SUFFOLK LATCHES.



Size No.	1	2	3	4	5	6	
Plate of handle	7	7½	8	8½	9	9½	in. long.
G 2352.—Common ...	3/-	3/9	4/6	5/3	—	—	per doz.
G 264.—Best ...	4/6	5/8	7/-	8/-	—	—	,,
G 265.—Best best...	—	—	—	9/6	10/6	12/-	,,



JAPANNED IRON NORFOLK LATCHES.



Size No.	1	2	3	4	
Plate of handle	7¼	7½	7¾	8	in. long.
G 266.—Common	3/-	3/9	4/6	5/3	per doz.
G 267.—Best ...	4/6	5/8	7/-	8/-	,,

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

ENTRANCE DOOR HANDLES.

DOOR PLATES
"Pull" or "Push."



G 2137. G 2138. G 2139.

G 2137.—2½ × 2 in , White China, 6d. each.
G 2137.—2 × 1 in., White China, 5d. each.
G 2138.—2½ × 1¼ in., Lacquered or steel bronzed, 8½d. each.
G 2139.—3 × 1⅜ in., Lacquered or steel bronzed, 7½d. each.



G 284.

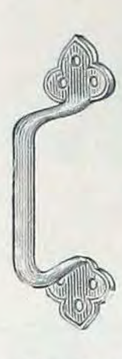
	2½	3	3½	4½ in. grip
Iron	—	1/2	1/8	3/2 doz.
Brass	4/-	6/-	8/6	— ,,



G 285.—Brass, 1/5 each. Cranked, same price.



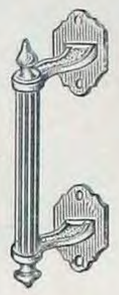
G2356.—Brass, 8½ 10 12 in. 4/3 5/6 7/9 pair.



G 288.—Brass, 4/- pair.



G 289.—Brass, 5/- pair.



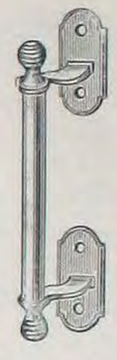
G 290.—Brass, 4/6 pair.



G 2357.—Brass, 5/6 pair.



G 293.—Brass, 5/6 pair. Steel bronzed, 5/6 pair.



G 294.—Brass, 5/- pair.



G 295.—Bronzed, 5/3 pair.



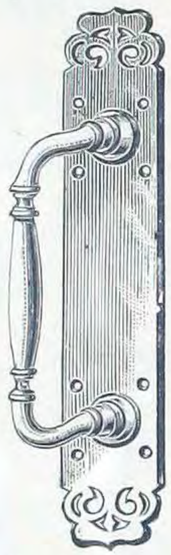
G 2358.—Brass, 14/9 pair.



G 2359.—Brass, 16/3 pair. G23598.—Similar pattern, 13/6 pair.



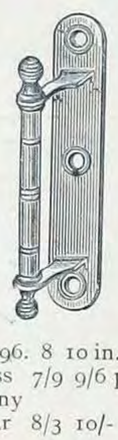
G 2360. Brass, 17/- pair. Coinage metal, 18/9 pair.



G 2361.—Brass, 33/9 pair.



G 2141.—Brass, 11/3 pair.



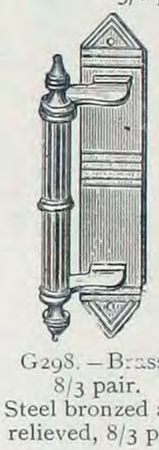
G 296. 8 10 in. Brass 7/9 9/6 pair. Ebony bar 8/3 10/- ,,



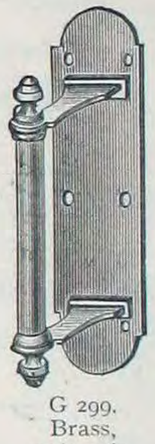
G 314. Brass, 5/9 pair.



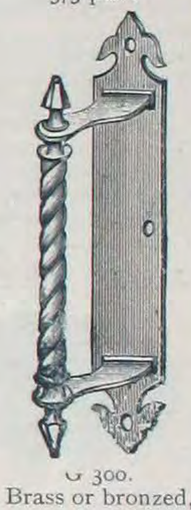
G315. Brass, 5/9 pair.



G298.—Brass, 8/3 pair. Steel bronzed and relieved, 8/3 pair.



G 299. Brass, 12/9 pair.



G 300. Brass or bronzed, 13/9 pair.



G 305. China Bar, 4/6 pair.



G 306. China bar, 5/- pair.



G 312. Crystal glass bar, 12/- pair. Amber ditto, 14/9 pair.



G 313. Cut crystal glass bar, 25/6 pair. Amber ditto, 28/- pair.



G 2362. Ebony bar, 16/- pair.



G 2363. Ebony bar, 20 - pair.



G 316. Brass ... 13 6 pair Copper bar 13/6 ,, Ebony ,, 14/9 ,,



G 309. Ebony bar, 22/6 pair.



G 310. Ebony bar, 9 in. ... 20/6 pair. 12 in. ... 30/6 ,,



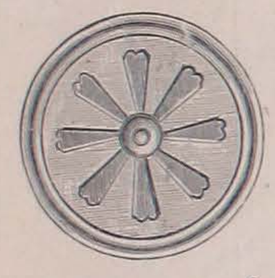
G 2140. Ebony bar, 19/- pair.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.



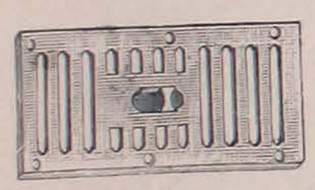
SASH ROLLERS.

Width of plate	½	⅝	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾ inch.
G 420.—Iron ...	1/-	1/1	1/6	1/10	2/3	2/10	4/6	5/-	5/9	7/- per doz.
G 421.—Iron, with brass wheel	1/6	1/8	2/4	2/9	3/6	4/6	6/-	—	—	— ,,
G 422.—All brass ...	2/5	2/8	4/-	4/9	6/-	8/9	11/6	—	—	— ,,
G 2144.—Do. light...	1/5	1/8	2/3	2/9	3/8	—	—	—	—	— ,,



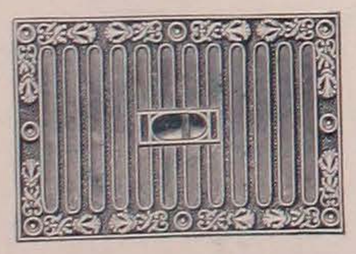
ROUND VENTILATORS.

	2	2½	3	4	5	6	7 inch.
G 480.—Brass ...	10½d.	1/4	1/10	2/11	3/9	6/3	9/6 each.
					6	9	12 inch.
G 481.—Ornamental iron ...			...		11½d.	1/10	3/2 each.



SLIDING VENTILATORS.

	4×1⅜	6×2½	8×4	10×4½	12×6 inch.
G 476.—Malleable Iron	8d.	1/3	2/-	2/6	3/10 each.
		8×4	9×4	9×6	12×6 inch.
G 477.—Brass		6/-	6/9	9/-	13/9 each.
	4×3½	6×3½	8×3½	10×3½	12×3½ inch.
G 478.—Do. ...	2/1	4/-	5/9	7/4	9/- each.



G 2365.—Ornamental iron,

6×3¼	9×3¼	9×6½	12×6½ inch.
7d.	9½d.	1/3	2/2 each.

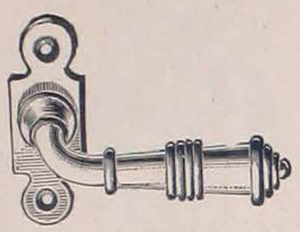
G 2366.—With lever for opening and shutting by means of line,

6×3¼	9×3¼	9×6½	12×6½ inch.
8½d.	1/1	1/9	2/3 each.

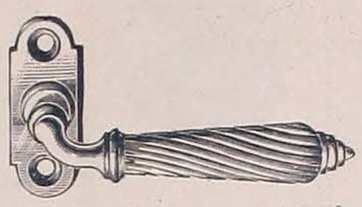


CRANKED LATCH HANDLES.

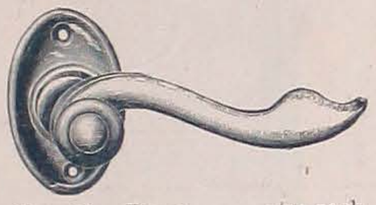
G 335.—Brass knob ... ... 1/2 each.
G 336.—China ,, white or black ... 1/6 ,,
G 345.—All brass, reeded knob ... 1/10 ,,



G 347.—Brass .. 1/8 each.



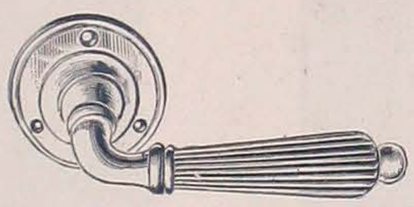
G 2367.—Brass ... 2/3 each.



G 2368.—Brass ... 2/10 each.



G 2369.—Brass...4/- each.

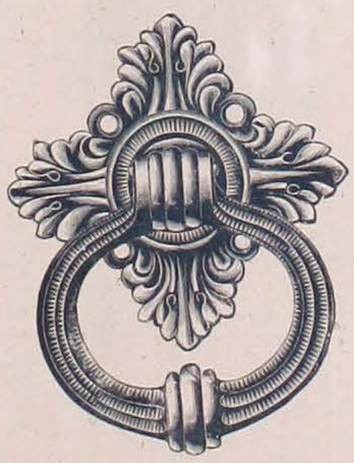


G 2370.—Brass ... ... 2/3 each.
Ebony, same price.

ENAMELLED IRON LOCK FURNITURE.

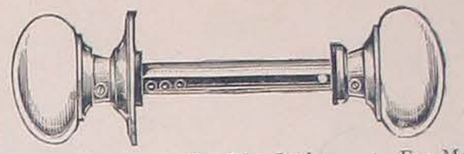


G 2371.— ... 1/1 each.

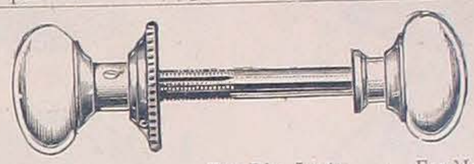


G 2372.— ... 1/5 each.

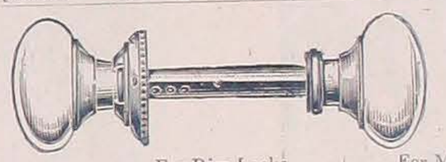
BRASS FURNITURE.



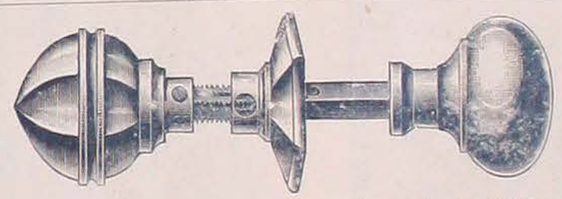
	For Rim Locks. 6	7	8	10	For Mortice Locks. 6	7 inch.
Diameter of knob	1¾	1⅞	2	2⅛	2	2⅛ ,,
G 341.—Drilled through spindle	6/6	7/3	8/3	10/6	10/-	12/3 doz. sets.
	7½d.	8d.	9½d.	11½d.	11d.	1/2 set.



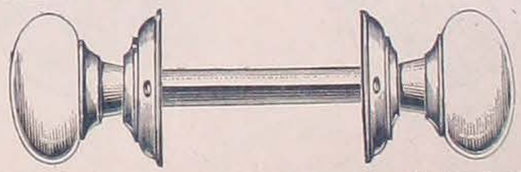
	For Rim Locks. 6	7	8	10	For Mortice Locks. 6	7 inch.
Diameter of knob	1¾	1⅞	2	2⅛	2	2⅛ inch.
G 2373.—Mace's, Duce's spindle	9/6	10/6	11/6	—	15/-	16/3 doz. sets.
	10½d.	11½d.	1/1	—	1/5	1/6 set.
G 2374.—Mace s, cast do.	—	—	3/-	4/-	3/9	4/9 ,,
G 2146.—Mace's, Wilkes' spindle	9/6	10/6	11/6	—	15/-	16/3 doz. sets.
	10½d.	11½d.	1/1	—	1/5	1/6 set.



	For Rim Locks. 6	7	8	For Mortice Locks. 6	7 inch.
Diameter of knob	1¾	1⅞	2	2	2⅛ inch.
G 2375.—Durable	10/6	11/6	12/3	15/6	17/- doz. sets.
	11½d.	1/1	1/2	1/5	1/7 set.



G 6914.—2¼ in. plain knob inside, 2½ in. octagon knob outside, similar to illustration, Lacquered or Steel bronzed, 3/3 set.
G 6915.—Mace's Mortice, with two 2½in. octagon knobs, 5/- set.

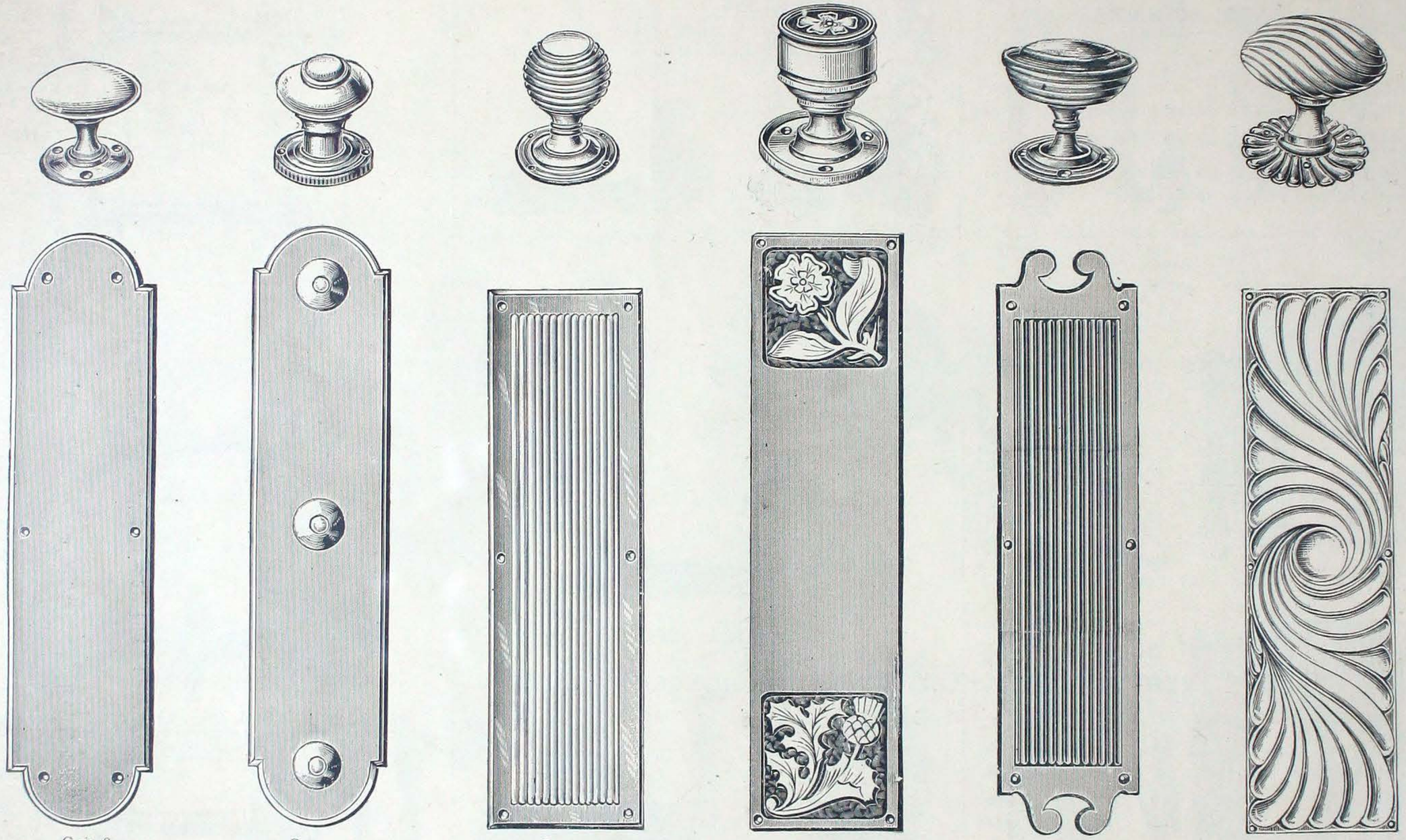


	For Mortice Locks. 6	7 inch.
Diameter of knob	2	2⅛ inch.
G 2377.—Pitt's Rose ...	19/-	21/6 dozen sets.
	1/10	2/- set.

For 5 in. Rim Latches.	Diameter of knob, 1⅝ inch.	
G 341.—Drilled through spindle ...	5/6 doz. sets	6d. set.
G 2373.—Mace's, Duce's spindle ...	8/- ,,	9d. ,,
G 2375.—Durable...	8/9 ,,	9½d. ,,
Cranked Mortice for 6 in. locks.	Diameter of knob, 1¾ inch.	
G 341.—Drilled through spindle ...	10/6 doz. sets.	11½d. set.

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS LOCK FURNITURE.



G 2148. G 342. G 343. G 2380. G 2381. G 2382.

		G 2148.		G 342.		G 343.	G 2380.		G 2381.	G 2382.
	Inches	2¼	2½	2	2¼		Brass.	Coppered.		
Two-bolt Mortice Furniture, Pitt's	... per set	5/6	6/9	2/6	3/-	4/9	4/-	4/6	4/9	4/-
Ditto ditto Mace's	... ,,	—	—	2/2	2/8	5/3	—	—	—	—
						2 in.	2½ in.	3 in. wide.		
Finger Plates	... each	3/-		4/3		9d.	9½d.	10d.	3/-	5/-	2/6	1/4
Bell Levers to match	... per pair	9/-		—			7/6		6/3	7/9	7/9	6/-
Shutter Knobs	... each	—		—			11½d.		6d.	6d.	—	—

G 342.—Mace's also kept in stock in Rim 6d. per set less than Mortice.

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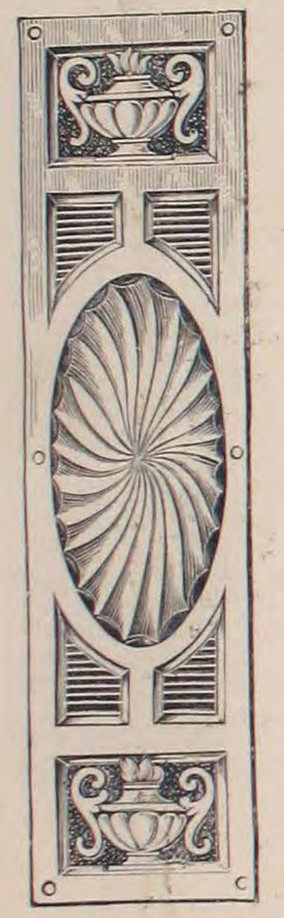












G 2384.



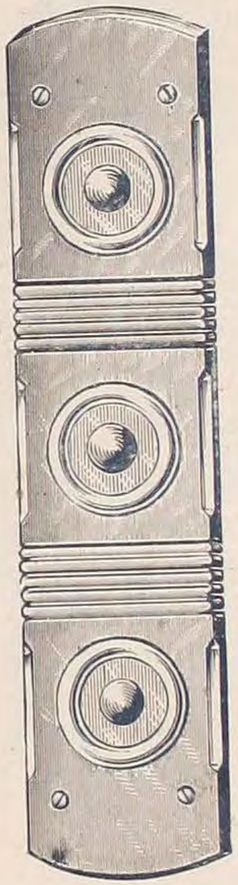
G 2385.



G 6793.



G 6794.



G 2386.



G 2387.

	G 2384.	G 2385.	G 6793.	G 6794. 1¾ in.	G 6794. 2 in.	G 6794. 2¼ in.	G 6794. 2½ in.	G 2386. Real Bronze.	G 2387. Polished or Metallic Bronzed.
Two-Bolt Mortice Furniture, Pitt's ... per set	6/6	6/9	5/6	3/6	4/6	5/9	6/9	—	21/-
,, ,, ,, ,, covered rose ,,	—	—	—			—		17/-	—
Finger Plates ... ... each	3/8	3/3	1/5			5/-		12/6	12/6
Bell Levers .. .. pair	12/-	13/6	8/6			10/3		20/-	25/-
Electric Push ... . each	2/6	6/9	5/9			4/-		—	7/6
Shutter Knobs ... ... ,,	1/1	1/9	1/2			1/2		1/8	—

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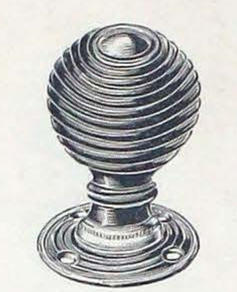
WOOD LOCK FURNITURE.



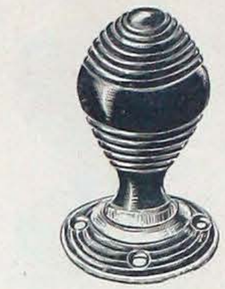
G 324.



G 325.



G 6781.



G 2390.



G 2391.



G 2392.

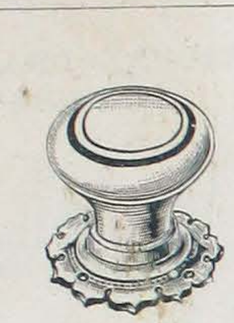
		G 324.	G 325.	G 6781.	G 2390.	G 2391.	G 2392.
Two-bolt Mortice Furniture, Wilkes'	per set	1/6	1/6	—	—	—	—
,, ,, Pitt's, brass rose	,,	2/4	2/4	3/-	4/-	4/-	4/-
,, ,, Mace's	,,	2/4	2/4	3/-	4/3	4/3	4/3
Finger Plates	each	10½d.	1/4	1/10	3/-	2/-	3/-
Bell Levers with wood mounts to match furniture	per pair	4/9	4/9	7/6	7/6	9/-	7/6
Shutter Knobs	each	2d.	2d.	6d.	6d.	4d.	6d.

Above prices are for either Ebony or Oak. Walnut and Cocus can be supplied at 2d. per set extra on furniture, and 2d. each extra on finger plates.

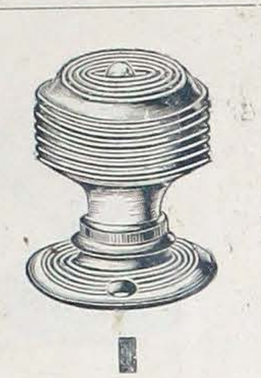
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G 329.



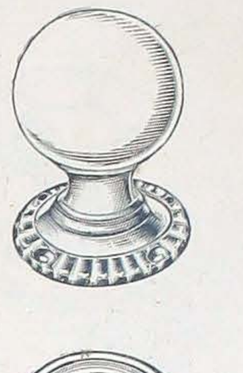
G 2394.



G 2395.



G 6761.



G 6762.



G 6764

	Drilled through Spindle.	Pitt's Brass Rose.	Mace's Brass Rose.	Mace's China Rose.	Finger Plates.	Shutter Knobs.
G 329.—White	... per set	1/3	1/6	1/11	—	6d. each.	2d. each.
or Cream	... ,,	1/4	1/7	2/-	—	6½d. ,,	2d. ,,
G 2394. Black	... ,,	1/5	1/8	2/1	—	7½d. ,,	2½d. ,,
White and 2 Gold Lines	... ,,	2/-	2/1	2/6	—	1/1½ ,,	4½d. ,,
Black ,,	... ,,	2/2	2/3	2/8	—	1/3 ,,	5d. ,,
G 2395.—White	... ,,	—	—	—	1/9	8d. ,,	2½d. ,,
Cream	... ,,	—	—	—	1/10	8½d. ,,	2½d. ,,
Black	... ,,	—	—	—	1/11	9½d. ,,	2½d. ,,
G 6761.—White	... ,,	—	2/6	—	—	9½d. ,,	2½d. ,,
Cream	... ,,	—	2/7	—	—	10½d. ,,	2½d. ,,
Black	... ,,	—	2/8	—	—	11½d. ,,	3d. ,,
G 6762.—Cream	... ,,	—	3/8	—	—	1/2 ,,	8½d. ,,
G 6764.—Cream	... ,,	—	5/-	—	—	1/2 ,,	1/- ,,

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CHINA AND GLASS LOCK FURNITURE.



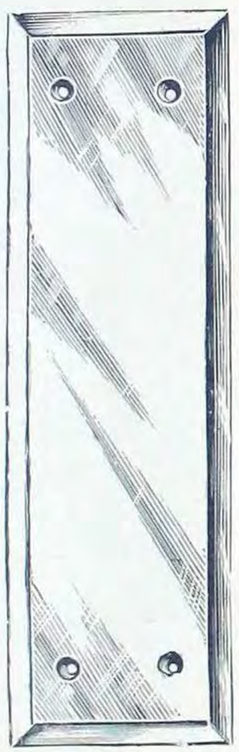




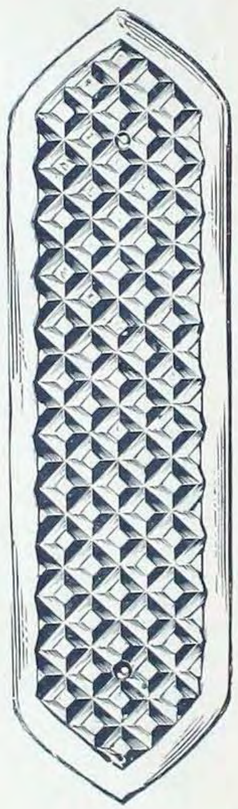




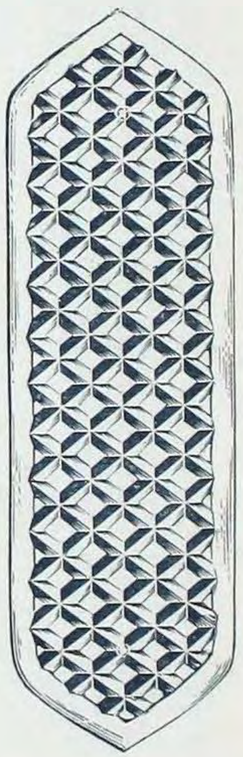
G 2398.



G 338.



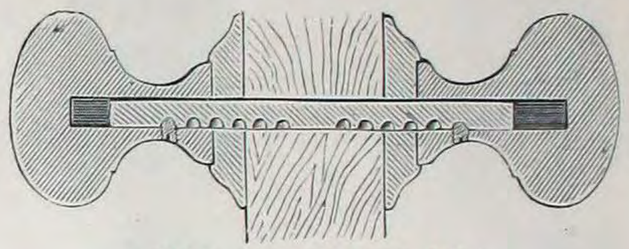
G 340.



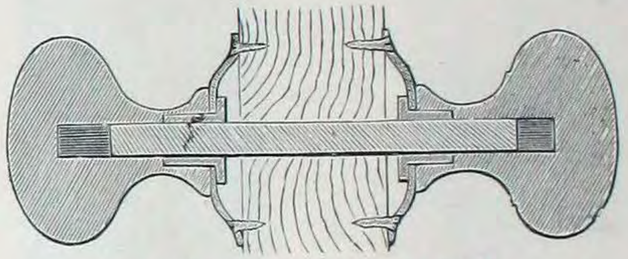
G 2399

		G 2398.	G 338.		G 340.		G 2399.	
		Cream China.	Crystal Glass.	Amber Glass.	Crystal Glass.	Amber Glass.	Crystal Glass.	Amber Glass.
Pitt's Brass Rose ...	... per set	3/3 ...	9/3	11/9 ...	9/9	12/6 ...	9/9	10/6
Finger Plates ...	... each	1/7 ...	2/6	— ...	9/3	12/- ...	6/-	7/6
Shutter Knobs ...	... ,,	7½d. ...	1/1	1/5 ...	1/6	1/10 ...	1/3	1/4

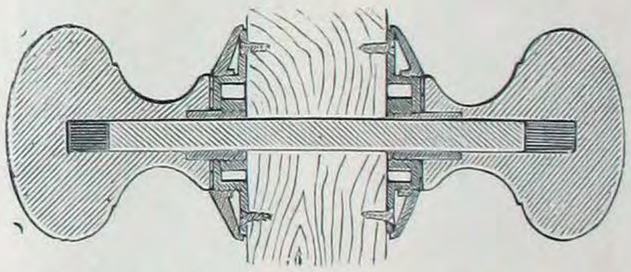
SECTIONAL DRAWINGS OF VARIOUS SPINDLES QUOTED FOR.



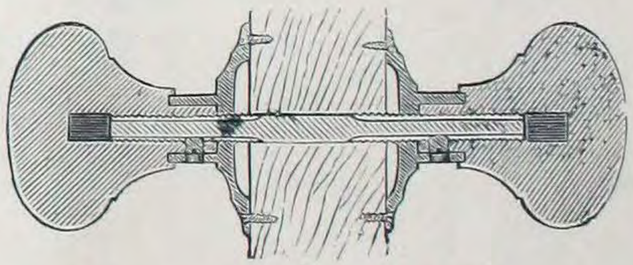
WILKES' PATENT.



PITT'S BRASS ROSE.



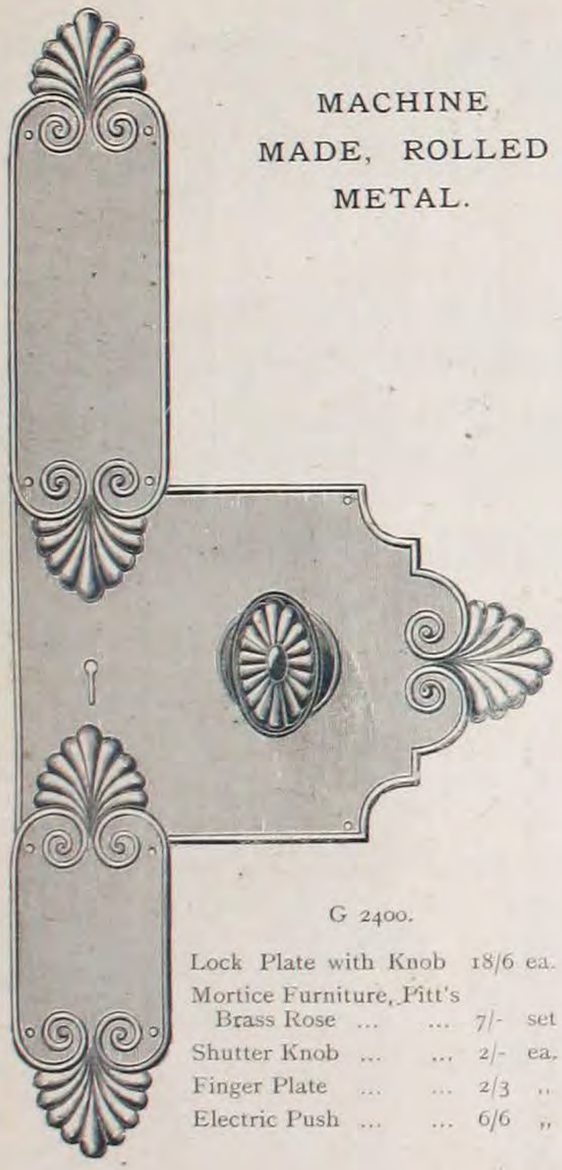
PITT'S COVERED ROSE.



MACE'S PATENT ROSE,
with Duces' Spindle.

Illustrations are about one-third full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

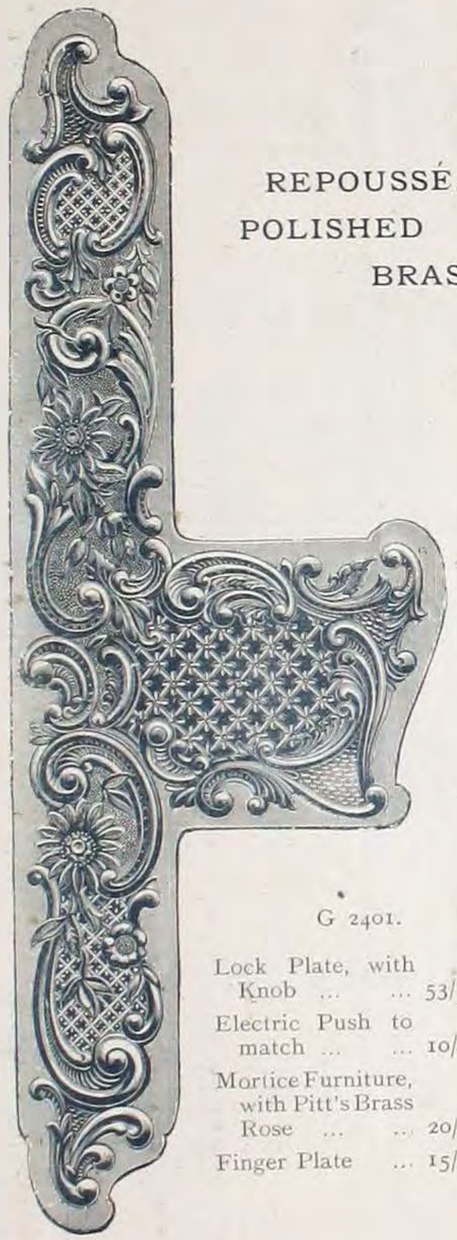
Highly-finished Brass Return End Lock Plates and Lock Furniture.



MACHINE MADE, ROLLED METAL.

G 2400.

Lock Plate with Knob	18/6	ea.
Mortice Furniture, Pitt's Brass Rose	7/-	set
Shutter Knob	2/-	ea.
Finger Plate	2/3	,,
Electric Push	6/6	,,



REPOUSSÉ, POLISHED BRASS.

G 2401.

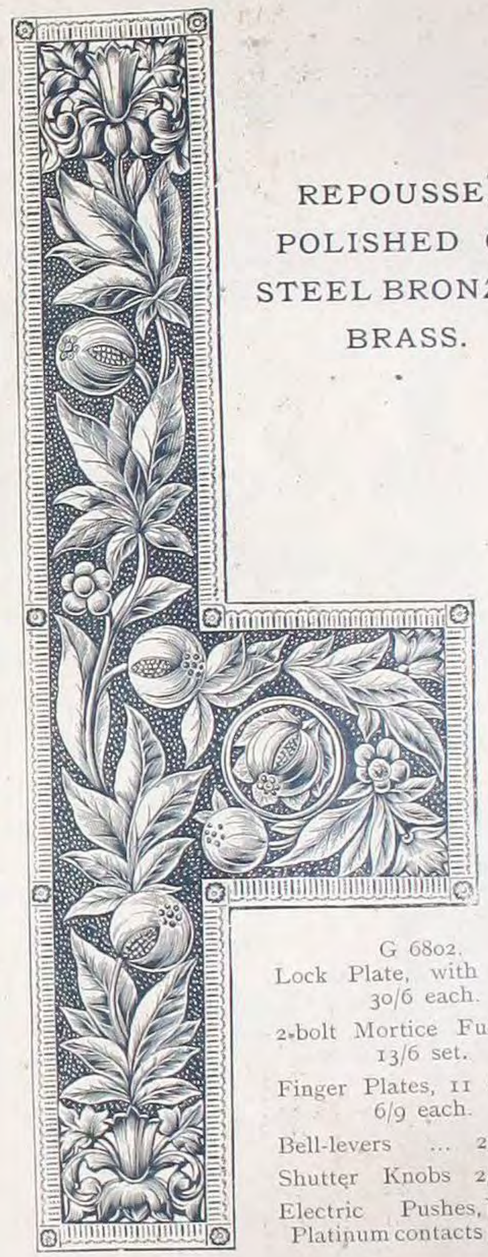
Lock Plate, with Knob	53/-	ea.
Electric Push to match	10/-	,,
Mortice Furniture, with Pitt's Brass Rose	20/6	set
Finger Plate ...	15/9	ea.



FINE CAST, POLISHED BRASS.

G 2402.

Lock Plate, with Pitt's Knob 45/- each.



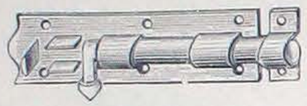
REPOUSSE, POLISHED OR STEEL BRONZED BRASS.

G 6802.

Lock Plate, with Knob, 30/6 each.		
2-bolt Mortice Furniture, 13/6 set.		
Finger Plates, 11 × 3-in., 6/9 each.		
Bell-levers ...	23/9	pair
Shutter Knobs	2/3	each
Electric Pushes, Platinum contacts	8/6	ea.

The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

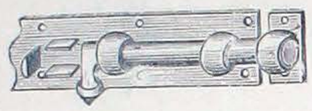
IRON AND BRASS BOLTS.



SOLID END TOWER BOLTS.

	3	4	5	6	7	8	9	10	12 inch.
G 354	1/11	2/6	3/2	3/9	4/4	5/-	5/9	6/3	7/6 doz.

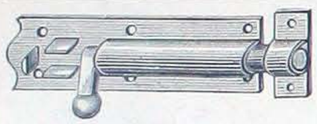
Necked ditto, advance two sizes.



STRONG TOWER BOLTS.

Half Round Staples.

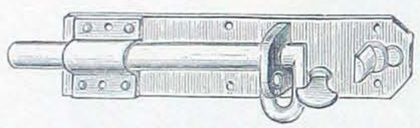
		4	6	7	8	10	12 inch.
G 355	...	3/-	4/6	5/3	6/-	7/6	9/- doz.



SOLID END BRASS KNOB BARREL BOLTS.

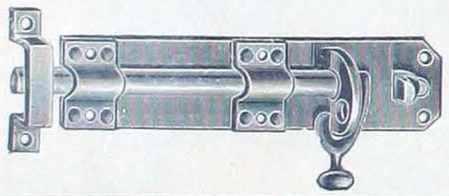
			6	8	10	12	15 inch.
G 356	...	...	5/8	7/6	9/6	11/3	18/9 doz.
			18	24	30	36	42 inch.
			2/-	2/10	3/6	4/3	5/- each.

BRENTON'S PATENT LOCK-PIN SAFETY BOLTS.



	Japanned.	Galvanized.
G 357.—Right and left hand	8 inch, 11/6 dozen.	... 13/6 dozen.
	10 ,, 13/6 ,,	... 17/- ,,

If with Stud for fastening, as drawn, 2/- doz. extra.

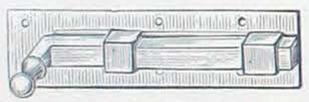


G 2404.—Double handed, Japanned,

8	10 inch.
15/-	19/- doz.

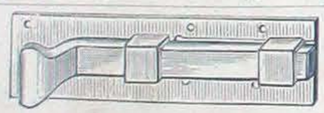
Galvanized,

8	10 inch.
17/-	21/- doz.



BRASS KNOB SQUARE SPRING BOLTS.

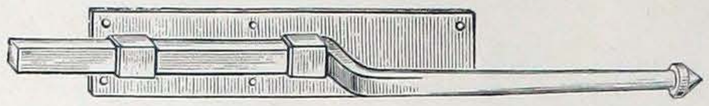
		6	8 × ½	8	10	12	15 × ⅝ inch.
G 358	...	6/6	8/9	10/6	13/3	15/9	19/9 doz.
			18	24	30	36 × ⅝	42 × ¾ inch.
			2/3	3/-	3/9	4/6	7/- each.



SQUARE SPRING BOLTS.

		8	10	12 × ¾ inch.
G 359.—Strong	...	12/-	15/-	18/- doz.
		12	15	18 × ¾ inch.
G 360.—Extra Strong		3/8	4/-	4/3 each.

MONKEY TAIL BOLTS.



	18	24	30	36 × ⅜ inch.
G 361.—Strong	2/7	3/6	4/3	5/3 each.
G 362.—Extra Strong	4/-	4/3	4/6	5/- ,,



BRASS KNOB SQUARE SPRING BOLTS.

		3	3½	4 × 5/16 inch.
G 363.—Straight or Necked	...	2/2	2/6	3/- doz.



BRASS SQUARE SPRING BOLTS, Iron Shoots.

			3	3½	4 inch.
G 364.—Straight	...	...	4/6	5/3	5/10 doz.
,, Necked	...	...	5/3	5/10	6/8 ,,



BRASS BLIND BOLTS.

			2	2½	3	4 inch.
G 2406.—Straight, light	...		2/-	2/8	3/4	— doz.
G 365.—Straight	..	..	4/10	5/8	6/3	9/8 ,,
,, Necked	...	...	6/3	7/-	7/6	11/ ,,



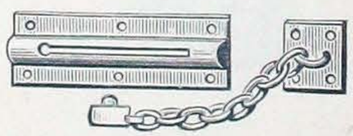
LIGHT JAPANNED IRON BOLTS, Brass Knobs.

		3	3½	4	5 inch.
G 366.—Straight or Necked	...	2/6	3/-	3/3	4/- doz.



BRASS TOWER BOLTS.

			3	4	5 inch.
G 367. – Straight	...	...	14/9	18/6	23/- doz.
,, Necked	...	...	16/-	19/9	24/3 ,,



DOOR CHAINS.

		6	8	10 inch.
G 2150.—Brass	...	3/-	3/3	— each.
G 2151, Malleable Iron	...	9d.	11½d.	1/2 ,,



MACHINE MADE BRASS BARREL BOLTS, Iron Shoots.

	2	3	4	5	6 inch.
G 2407.—3/16 in. bolt × 3/4 in. plate	6/6	7/9	9/-	—	— doz.
G 2408.—1/4 in. bolt × 7/8 in. plate	—	8/3	9/6	10/9	12/- ,,
G 2409.—5/16 in. bolt × 1 3/16 in. plate	—	11/6	13/-	14/6	16/- ,,
G 2410.—1/2 in. bolt × 1 3/8 in. plate	—	—	15/-	17/6	20/- ,,

	8	10	12	18	24 inch.
G 2409.—5/16 in. bolt × 1 3/16 in. plate	1/8	2/-	2/6	—	— each.
G 2410.—1/2 in. bolt . . 1 3/8 in. plate	2/2	2/6	3/-	4/3	5/6 ,,



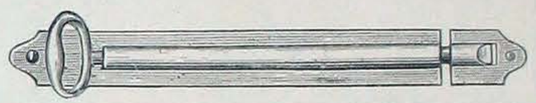
CAST BRASS BARREL BOLTS.

		3	4	5	6 inch.
G 371.—3/8 in. bolt × 1 5/16 in. plate with brass shoots	...	14/3	19/-	23/-	29/9 doz.

		8	10	12	18	24	30 inch.
Ditto	ditto	3/8	4/9	5/9	8/6	11/-	15/- ea.

		3	4	6 inch.
G 371N.—Ditto Necked	...	—	19/-	29/9 doz.
G 2412.—1/16 in. bolt × 1 in. plate	ditto	10/6	12/9	— ,,
G 2413.—1/4 in. bolt × 3/4 in. plate	ditto	8/-	9/9	— ,,

STRONG BRASS BARREL BOLTS.



G 373.	
12	18 inch.
9/9	15/6 each.

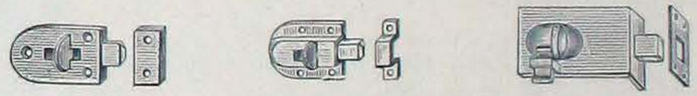


BRASS FLUSH BOLTS.

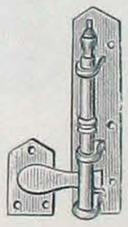
	1½	2	2½	3	4	5	6	8 inch.
G 374.—3/8 in. wide	1/8	2/-	2/6	3/2	—	—	—	— doz.
G 375.—1/2 in. ,,	—	—	—	3/6	4/6	5/9	7/-	— ,,
G 376.—5/8 in. ,,	—	—	—	—	7/-	8/9	10/3	13/6 ,,
G 377.—3/4 in. ,,	—	—	—	—	8/-	9/6	12/-	16/- ,,
G 378.—1 in. ,,	—	—	—	—	—	—	—	1/8 each.

	10	12	15	18	24	30	36 in.
G 376.—5/8 in. wide	16/6	19/3 doz.	2/-	2/6	—	—	— ea.
G 377.—3/4 in. wide	19/3	22/6 doz.	2/6	2/10	3/9	4/9	5/9 ea.
G 378.—1 in. wide	2/-	2/6	3/-	3/6	4/9	5/9	7/- ea.

BRASS BEDROOM BOLTS.



G 380. G 381. G 382.



G 380.—2½ inch	...	11d. each.
G 381.—1⅝ inch	...	10d. ,,
G 382.—3 inch	..	2/11 ,,

NIGHT BOLTS.

G 383.—Japanned iron	..	1/9 each.
G 384.—Brass	...	3/- ,,

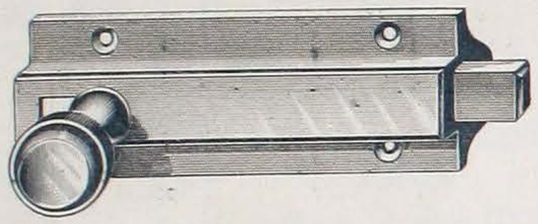
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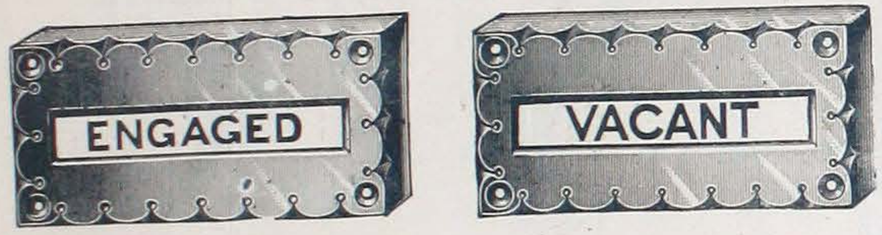
INDICATING, ESPAGNIOLETTE & FRENCH WINDOW BOLTS.

AUTOMATIC INDICATING BOLTS.

For Lavatories, Offices, Consulting Rooms, &c., &c.

The Indicator is worked by two pegs attached to the bolt, and is thoroughly reliable, having no levers, racks, pinions, screws or springs, to get out of order.



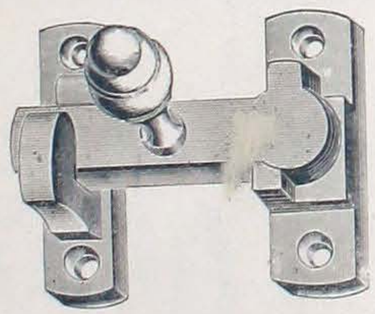


G 2416.—Brass .. .. 4/9 each.

IMPROVED INDICATING LATCH.

When door is not in use the Indicator shows "Vacant"; when bolted, Indicator shows "Engaged."

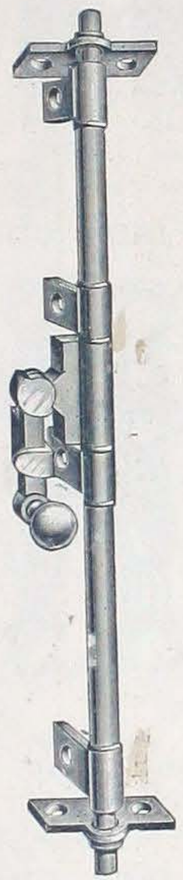




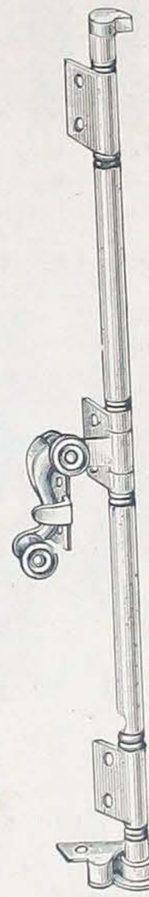
G 2417.—Brass ... ... 4/6 each.
,, Iron ... ... 2/6 ,,

These Bolts are suitable for either right or left hand doors.

ESPAGNIOLETTE BOLTS.



G 2418.
⅝ ¾ ⅞ inch.
Brass 4/- 4/6 5/6 per ft.



G 74c.
⅝ ¾ ⅞ 1 inch.
Brass 4/- 4/6 5/6 6/9 per ft

G 2218.
⅝ ¾ inch.
Brass, lighter 2/11 3/6 per ft.

G 2219.
Berlin black, ⅞ inch, any length from 6 ft. to 9 ft., straight handle, 7/9 each.

The measure to be given in clear from sill to head, but are charged one inch extra, being actual measurement.

FRENCH WINDOW BOLTS.

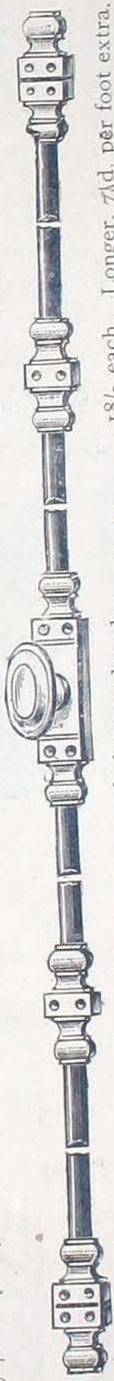


G 741.
Iron ... ... 3/6 each.

G 742.
Iron, malleable 8/6 each.

G 743.
Brass mountings, with Japanned iron rods to imitate oak, maple, and white and gold, 3/6 per ft.

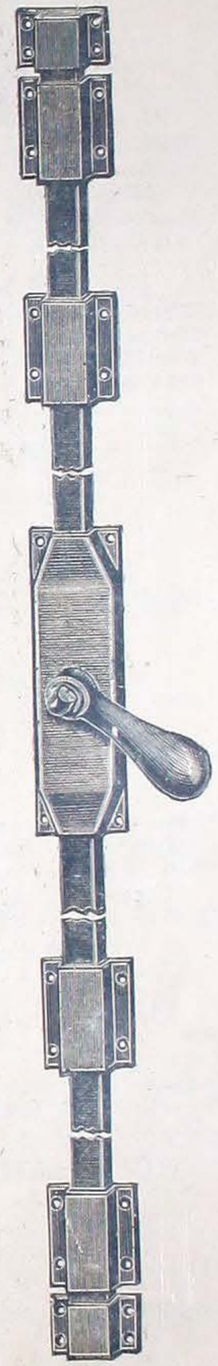
G 744.
Brass mountings and brass rods, 4/6 per foot.



G 2419.—⅝ in. iron rod, polished brass mounts, 5 ft. long and under ... 18/- each. Longer, 7½d. per foot extra.
G 2420.—All brass, polished, 5 ft. long and under ... ... 22/3 ,, ,, ,,
G 2421.—All iron... ... ... 7/9 ,, ,, ,,
If with Brass Lever Handle, 2/- each extra.

G 2419.

Double Action Bolt for Heavy Doors.

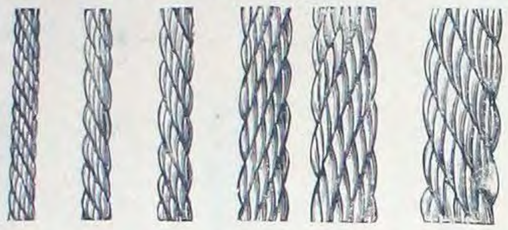


G 2422.— All Iron, bolt 1 in. × ½ in., 5 ft. and under, 19/6 each; longer, 10d. per ft. extra.

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SASH LINE, CHAIN AND PULLEYS.

COPPER SASH CORD.



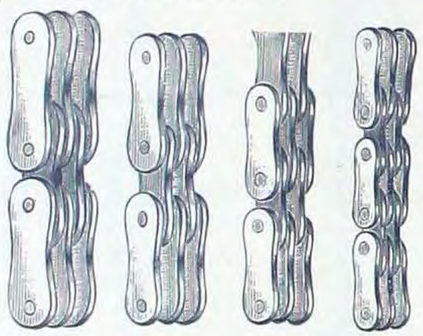
G 394.

Size No. ...	4	3	2	1¾	1½	1¼	1
Circumference	¼	⅜	½	⅝	¾	1	1⅛ in.
Working Load	34	50	75	112	168	224	336 lbs.
Per 100 feet	8/6	10/6	12/6	21/-	25/-	33/6	50/-

GALVANIZED WIRE CORD.

G 2426.—Size No.	4	3	2	1¾	1½	1¼	1
Circumference	¼	⅜	½	⅝	¾	1	1⅛ in.
Working Load	60	90	155	225	335	450	675 lbs.
Per 100 feet	5/6	7/-	8/3	13/9	16/6	22/-	33/-

PATENT SASH CHAIN.



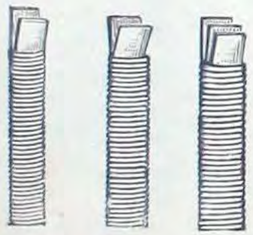
G 399.—Size No.	7	6	5	4	3
Breaking strain	1200	800	600	380	250 lbs.
Working load	300	200	150	95	62½ ,,
Copper	4/6	2/6	2/-	1/9	1/6 yard.
Hooks & Plates	1/8	1/3	1/1	1/1	1/- set.

Set consists of two hooks and two plates.

SQUARE GROOVE AXLE PULLEYS.

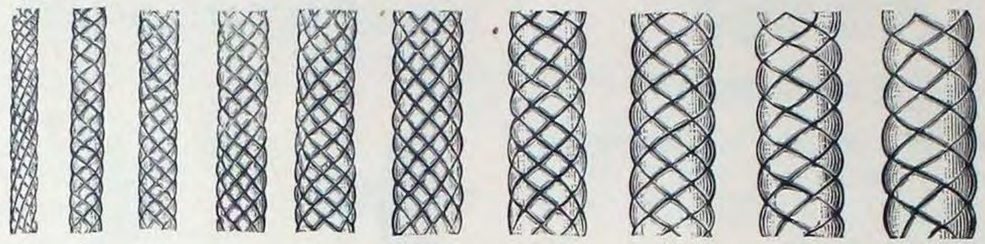
Size	1½	1¾	2	2¼	2½ inch.
For Chain No.	3	4	5	6	7 ,,
G 2427.—Brass face and wheel	1/-	1/3	1/5	1/7	2/7 each.
G 2428.—Ditto, Brass bushed	1/4	1/5	1/8	1/10	2/9 ,,

HOOKHAM'S PATENT SASH LINE.

Steel Ribbon, covered  with copper wire.

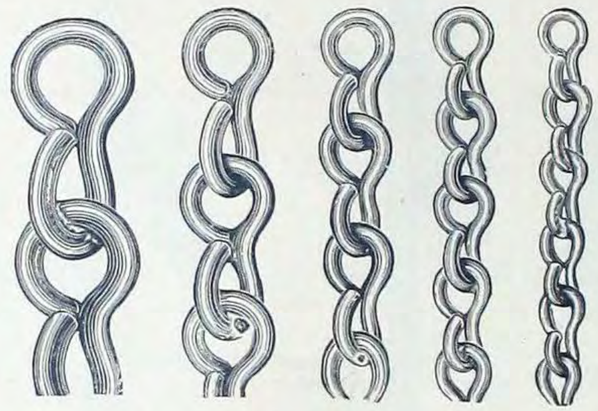
G 400.—Size No.	1	2	3
For Sashes up to	40	75	150 lbs.
	19/-	28/6	38/- per 100 feet.

PATENT FLAX SASH LINE.



Size No.	1	2	3	4	5	6	7	8	9	10	
G 395	4/-	4/6	6/-	7/3	9/-	10/10	12/8	14/6	16/3	18/-	gross yards.

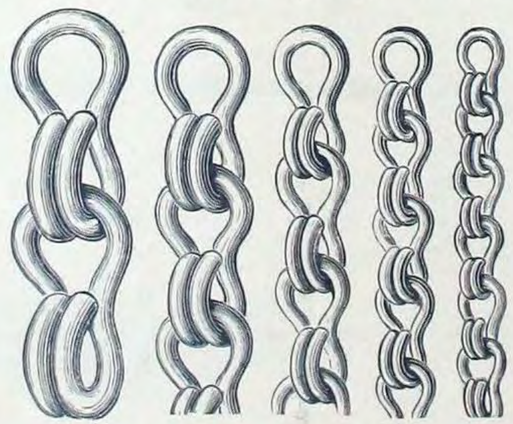
SINGLE LINK JACK CHAIN.



G 409.

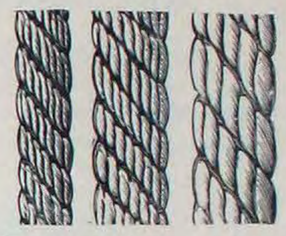
Size No.	10	12	14	16	18	
Bright iron	1/5	1/2	11d.	9d.	8½d.	per
Brass	8/-	5/-	3/-	2/2	1/6	doz. yds.

DOUBLE LINK JACK CHAIN.



No.	10	12	14	16	18	
G 410.—						
Tinned iron	3/6	2/6	1/10	1/7	—	per dozen
Brass	13/-	8/6	5/-	3/3	2/3	yards.

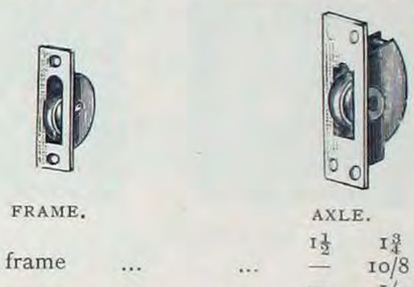
CABLE LAID SASH LINE.



Size No.	4	6	8
G 2429.—Best Italian Hemp, 1/1 per lb.			
G 397.—Best Russian Hemp, 10d. per lb.			
G 398.—Jute, 7½d. per lb.			

Special prices for 28 lbs. and upwards.

FRAME AND AXLE PULLEYS.



FRAME. AXLE.

	1½	1¾	2	inch.
G 450.—Iron frame	—	10/8	—	per gross.
	—	1/-	—	,, dozen.
G 462.—Iron axle	—	12/6	17/6	,, gross.
	—	1/1	1/7	,, dozen.
G 452.— ,, ,, strong ...	24/6	27/6	31/-	,, gross.
	2/2	2/6	2/9	,, dozen.
G 2158.—Brass face and wheel ...	—	36/6	47/-	,, gross.
	—	3/4	4/3	,, dozen.
G 456.— ,, ,, ,, ...	43/6	50/-	63/3	,, gross.
	3/10	4/6	5/8	,, dozen.
G 458.— ,, ,, ,, best finish	61/-	74/6	86/-	,, gross.
	5 6	6/6	7/6	,, dozen.
G 460.— ,, ,, ,, brs. bushed	72/6	89/-	102/6	,, gross.
	6/6	8/-	9/-	,, dozen.
		2¼	2½	inch.
,, ,, ,, ,, ,, ,,		132/-	163/6	per gross.
		11/9	14/6	,, dozen.

SECRET AXLE PULLEY.



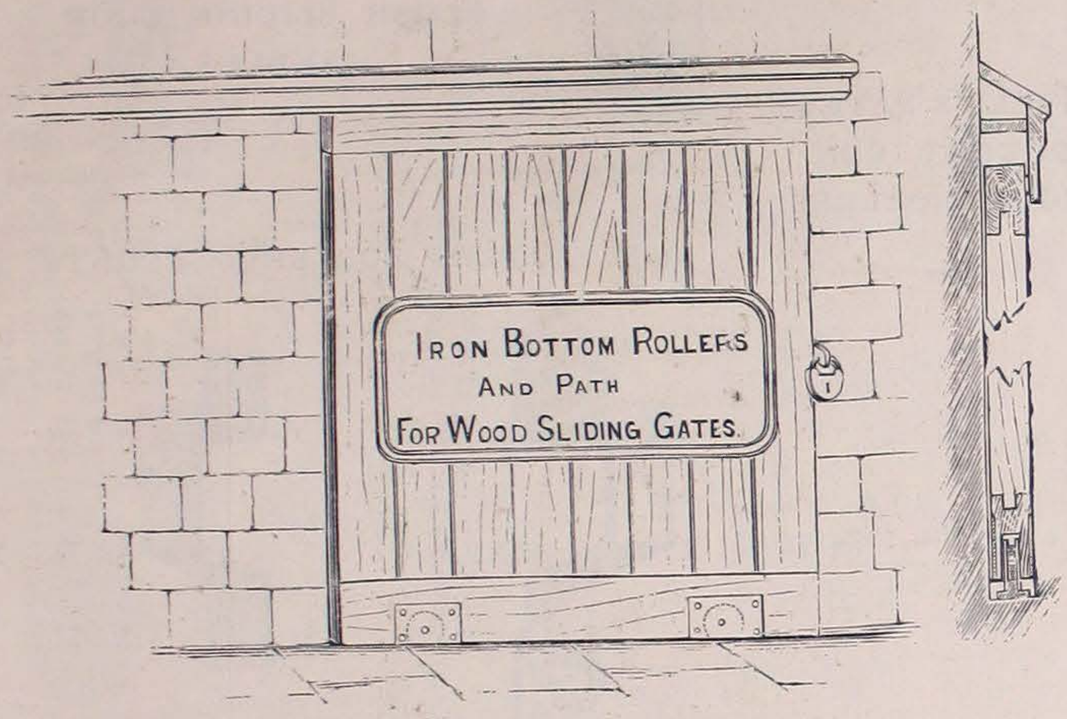
SECTION.

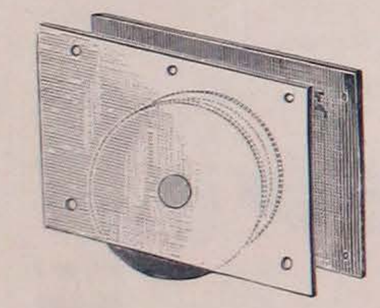
Combining the advantages of the Frame Pulley with those of the Axle Pulley.

In this Pulley the wheel and axle form one piece, which runs in chilled bearings, while the whole of the frame forms a second solid piece. Extremely simple in construction and very durable.

	1¾	2	inch.
G 2160 — Iron ...	22/6	27/-	per gross.
	2/-	2/5	,, dozen.
G 2161.—Brass face and iron wheel	33/9	40/6	,, gross.
	3/-	3/7	,, dozen.
G 2162.—Brass face and wheel	54/-	67/6	,, gross.
	4/9	6/-	,, dozen.

Illustrations of China and Cord are about full size. Further details and special prices for large quantities will be sent on receipt of requirements.





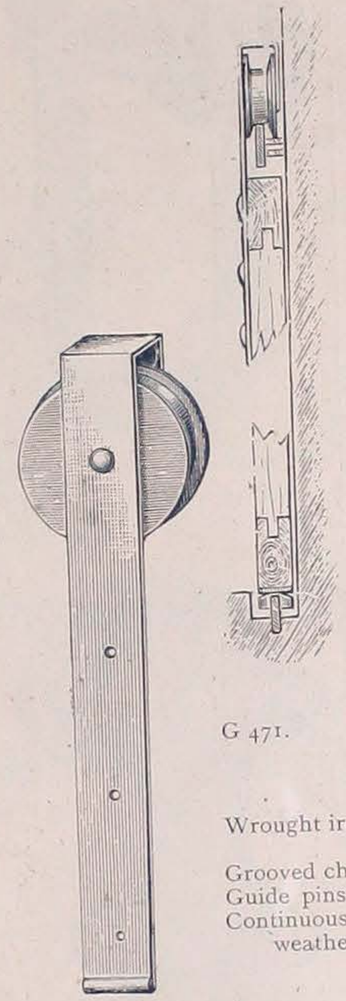
G 427.

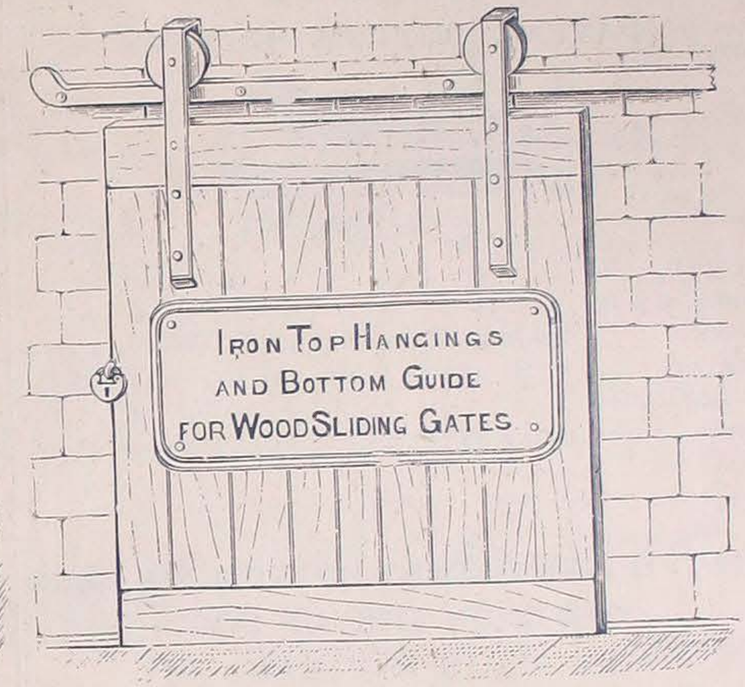
Wheels ...	3½	5	6	inches outside diameter.
Price	3/-	3/8	4/8	each.
Cast iron roller path for	3½	5	6	inch rollers.
Price ...	8d.	10d.	1/-	foot.

Forged handles, each 3/3.

Brass wheel antifriction rollers for top, each 5d.

Hasps for locks, each pair 3/3.



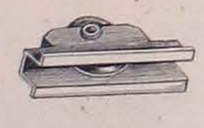


		Wrot Iron Straps.	Wheels outside diameter.	Price.
G 471. ...		18 × 1½ × ⅜ in.	... 3½ in. ...	3/8 each.
		21 × 2 × ⅜ in.	... 5 in. ...	4/9 ,,
		24 × 2½ × ⅜ in	... 6½ in. ...	5/10 ,,
		30 × 3 × ½ in.	... 8 in. ...	8/4 ,,
Wrought iron running bar or top rail		2 × ½	2¼ × ½ 2½ × ½	3 × ⅜ in.
		1/4	1/5 1/6	2/2 per foot.
Grooved channel guide rail, ⅞ × 1 inch outside, thus				6d. per foot.
Guide pins on plates for ditto ...				6d. each
Continuous guide bar to slide in channel and form weather joint				6d. per foot.

Prices include bolts and nuts.

In ordering above please state thickness of door and wall and distance the rollers are required to run.

GROOVED IRON ROLLERS FOR SMALL DOORS.

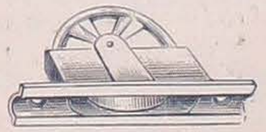


G 424.

Rollers 1½	1¾	2 inch diameter.
1/-	1/1	1/3 each.



G 425.
Plates 5½ × 1⅝ inch.
1/9 each.



G 426.
Rollers 4 × ⅜ inch.
1/5 each.

The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

DOOR ROLLERS, LOCKING BARS, &c.

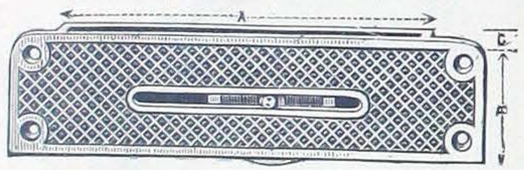
HATFIELD'S PATENT BOTTOM ROLLERS.



G 428.

To run ...	2	3	4	2	3	4	3½	4	7	5	ft.
Diam. of wheel	1½	1½	1½	2	2	2½	3	3	3	3½	in.
Price ...	11½d.	11½d.	1/1	1/1	1/2	1/6	1/3	1/6	3/2	2/9	ea.
To run ...	6	8	4½	7	9	10	12	18	16	20	25 ft.
Diam. of wheel	4	4	5	6	6	6	6	6	8	8	8 in.
Price ...	3/2	3/9	2/9	5/-	7/-	8/9	10/9	18/9	15/-	20/-	22/6 ea.

HATFIELD'S PATENT BOTTOM ROLLERS TO FIX ON SIDE OF DOOR, PLAIN PATTERN.



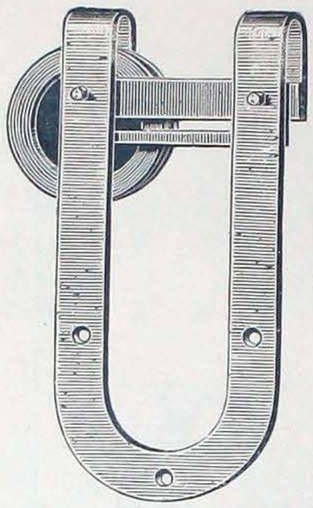
G 429.

To run ...	2½	3	4	5	6	8	10	12	16	20	30 ft.
Diam. of wheel	2	2½	3½	3½	4	5	6	8	8	8	8 in.
Price Japanned	1/11	2/3	3/2	4/6	5/9	8/2	12/6	17/6	25/-	32/6	43/9 ea.
,, Berlin Black	2/3	2/6	3/6	5/-	6/3	9/6	15/-	21/3	30/-	37/6	50/- ,,

RAILS FOR THE ABOVE ROLLERS.

					Per foot run.
Wrought Iron Rail with raised Bead, for Rollers with 1½in. Bowls,					6½d.
Do.,	do.,	do.,		2 in. to 6 in.	,, 7½d.
Do.,	do.,	do.,		8 ,,	,, 1/7
Do.,	do.,	grooved flush,	do.,	1½ ,,	,, 7½d.
Do.,	do.,	do.,	do.,	2 ,, to 3 ,,	,, 10d.
Do.,	do.,	do.,	do.,	3½ ,, to 5 ,,	,, 1/1
Do.,	do.,	do.,	do.,	6 ,,	,, 1/2
Do.,	do.,	do.,	do.,	8 ,,	,, 1/11

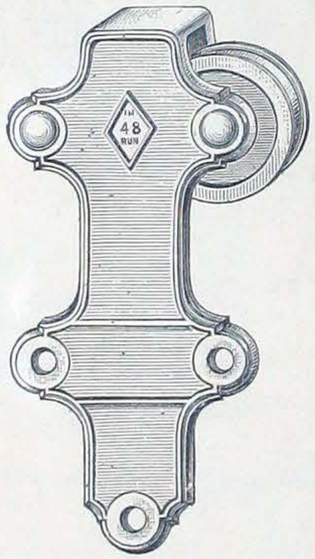
In ordering above please state thickness of door and wall, and distance the rollers are required to run.



HATFIELD'S PATENT WROUGHT IRON HANGING ROLLERS.

G 2170.

To run ...	2	2½	3	4	5	6	7	8	10	12	16	20	ft.
Diam. of wheel	2	2½	3	4	5	6	6½	7	8	8	8	10	in.
Price	1/11	2/6	2/10	4/6	6/3	8/3	11/3	15/-	18/9	25/-	37/6	43/9	ea.



HATFIELD'S PATENT MALLEABLE IRON HANGING ROLLERS.

G 472.

To run ...	2	2½	3	4	5	6	7	8	10	12	ft.
Diam. of wheel	2	2½	3	4	5	6	6½	7	8	8	in.
Price ...	2/6	3/2	3/9	6/3	8/9	11/3	15/-	18/9	25/-	32/6	ea.

FIXTURES COMPLETE WITH WROUGHT IRON RAILS, FOR THE ABOVE ROLLERS.

(Consisting of Wrought Iron Rail, Bolt and Nuts, and Washers, and Cast Iron Brackets.)

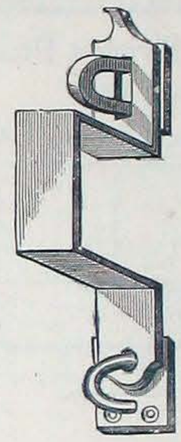
For 2 2½ 3 4 5 6 7 8 10 12 16 20 ft. Door.
7/6 9/- 10/- 13/- 18/- 26/6 31/- 34/- 64/- 75/- 97/6 120/- per set.



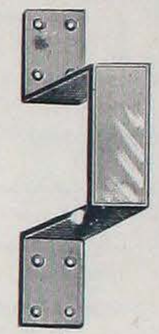
FLUSH SLIDING DOOR HANDLES.

		4½ × 3	6½ × 4½	inch.
G 2430.—Japanned Iron		1/6	2/9	each.
G 2430B.—Brass		4/-	8/-	,,

BAR STAPLES FOR SHOP FRONTS.

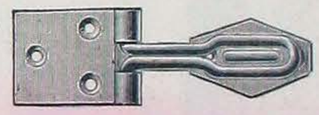


G 2431.—Malleable Iron 3 × 2¾ in. 1/6 1/10 each.

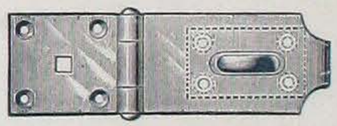


G 2432.—Malleable Iron 3 × 2¾ in. 10½d. 1/3 each.

JAPANNED HASPS AND STAPLES.



	4¾	6	8	inch.
G 2433.	3½d.	5d.	8d.	each.



	6½	8	9½	inch.
G 2434.	5½d.	8½d.	9½d.	each.

MALLEABLE IRON LOCKING BARS.



	12 × 1¾	16 × 2	18 × 2½	24 × 2½	30 × 2½ ins.
G 2435. ...	2/2	3/4	5/-	6/9	8/3 each.

Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS AND IRON HINGES.



BUTT HINGES.

	1	1¼	1½	1¾	2	2¼	2½	3	3½	4	4½	5	6	inch.
BRASS.														
G 491.—Pressed lock joint ...	1/3	1/6	1/8	2/2	2/6	3/2	3/9	5/2	—	—	—	—	—	doz. pairs.
G 492.—Solid machine made	2/-	2/3	2/9	3/3	3/9	4/6	5/9	9/-	—	—	—	—	—	,,
G 493.—Light cast ...	1/11	2/4	2/11	3/6	4/6	5/8	7/-	10/3	—	—	—	—	—	,,
G 494.—Medium cast ...	2/2	2/11	3/6	4/6	5/8	7/-	8/9	14/6	—	—	—	—	—	,,
G 495.—Strong ,, ...	—	—	4/-	5/3	6/9	7/9	9/-	16/9	26/3	39/9	—	—	—	,,
G 496.—Extra strong cast ...	—	—	5/3	6/3	7/9	10/3	12/6	22/-	36/9	55/-	72/-	88/6	—	
G 497.— ,, ,, ,, brass pin ...	—	—	—	—	11/3	14/6	18/-	28/6	40/-	57/-	—	—	—	,,
CAST IRON.														
G 500.—Light	—	—	1/4	1/6	1/10	2/2	2/4	3/-	3/10	4/9	—	—	—	,,
G 501.—Medium	—	—	1/7	1/10	2/2	2/6	2/9	3/8	4/8	5/9	—	—	—	,,
G 502.—Strong	—	—	1/10	2/3	2/8	3/-	3/4	4/4	5/6	6/10	10/-	12/8	18/-	,,

Net Prices per gross on application.

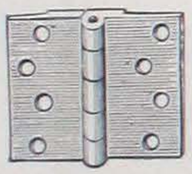
	1½	2	2⅔	3	3½	4	4½	5	inch.
PATENT WROUGHT IRON.									
G 504.—	1/-	1/3	1/6	2/4	3/-	3/9	—	—	doz. pairs.
WROUGHT STEEL.									
G 505.—	—	4/9	6/-	7/9	10/6	13/3	17/3	21/6	,,



BRASS BUTTS (Polished).

	3×2⅛	3½×2½	4×2⅞	4½×3¼	5×3⅝	inch.
G 2441.—Steel washered...	2/6	3/3	4/3	5/6	7/3	per pair.
	3×2⅝	3½×2¾	4×3½	4½×3¾	5×4	inch.
G 2442.—Strong ,, ...	4/3	5/-	6/-	7/9	10/-	per pair.

PROJECTING BRASS BUTTS.



	3×3	3½×3½	4×4	4½×4½	5×5	inch.
G 511.	3/8	5/-	6/9	8/6	12/3	per pair.
		4×4⅜	4½×5¼	5×6	6×7	inch.
G 511A.		8/3	11/9	16/9	32/-	per pair.
			4×3¾	4½×4	5×4½	inch.
G 2443.—Steel washered			7/9	10/-	12/3	per pair.

In all cases the first measurement is the length of hinge, and the second the width when open.



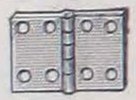
LOOSE PIN BUTT HINGES.

	1½	2	2½	3	3½	4	inch.
G 512.—Brass ...	6/-	8/10	13/-	24/-	—	—	doz. pairs.
G 514.—Cast Iron	—	2/10	3/9	5/-	6/9	8/6	,,



RISING BUTT HINGES.

	3	3½	4	4½	5	inch.
G 515.—Brass, steeled joints ...	8/10	10/9	13/-	15/3	—	per pair.
G 515B.—Best Brass, steeled joints	12/6	15/-	17/3	21/9	28/6	,,
G 516.—Cast Iron	1/1	1/3	1/7	1/11	2/6	,,
G 2174.—Wrought Iron	4/8	5/10	7/-	—	—	,,



BACK FLAP HINGES.

	1	1¼	1½	1¾	2	2¼	2½	3	inch.
G 517.—Brass ...	4/3	6/-	7/9	12/-	18/-	26/6	41/-	—	doz. pairs.
G 518.—Patent Iron	1/6	1/7	2/2	2/10	3/8	4/10	6/2	9/3	,,
G 519.—Welded ,,	3/3	4/-	4/9	6/-	8/-	12/-	15/-	24/-	,,

The varieties described represent in many cases but a small selection from those in stock.

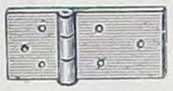


TABLE HINGES.

	1	1¼	1½	1¾	2	inch.
G 521.—Patent Iron	1/6	1/8	2/3	—	—	doz. pairs.
G 522.—Welded ,, ...	3/3	4/-	4/9	6/-	8/-	,,



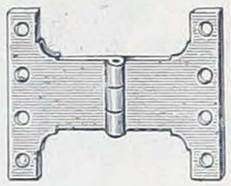
EGG JOINT HINGES.

G 523.—Brass, 2⅜ in. 3/4 pair.
G 524.—Iron, 2¼ ,, 6/- { doz. pairs.

COUNTER HINGES.

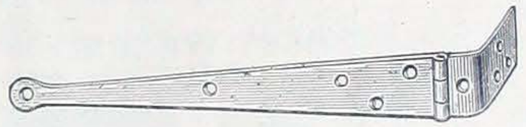


G 525.—Brass, 4¼ × 1⅞ in. 2/9 pair.
G 6917.—Machine-made, Brass similar pattern, 3⅞ × 1½ in. 1/1 pair.



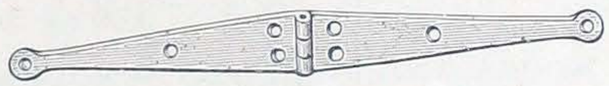
PARLIAMENT HINGES.

Length of joint	1½	1¾	2	2¼	2½	2⅝	inch.
To open ...	3	3½	4	4½	5	5½	,,
G 526.—Cast Iron ...	6/-	7/9	8/3	10/6	11/6	13/9	doz. pairs.



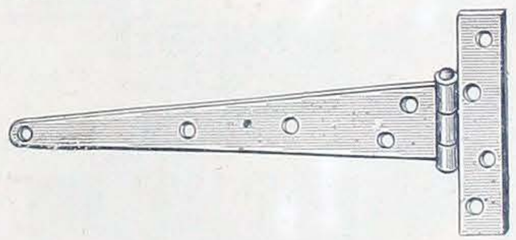
CHEST HINGES, PATENT WROUGHT IRON.

	6	7	8	10	12	14	inch.
G 527.—	3/-	3/9	4/8	6/3	7/6	9/3	doz. pairs.



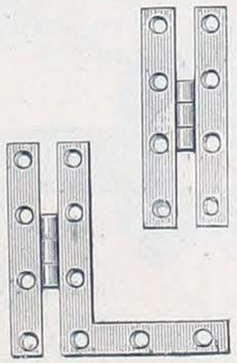
STRAP HINGES.

	6	7	8	10	12	14	inch.
G 529.—Welded Wrought Iron	6/-	6/9	8/6	12/-	19/-	27/-	doz. pairs
G 530.—Weighty	—	—	—	3/-	4/-	4/6	pair.



TEE HINGES, PATENT WROUGHT IRON.

	6	8	10	12	14	16	18	20	22	24	inch.
G 532.—Self color ...	2/8	3/2	5/3	7/6	9/-	12/-	16/3	19/-	—	—	doz. pairs.
G 534.—Japanned ...	4/-	4/6	5/3	6/6	7/9	10/3	12/3	15/-	17/6	22/6	,,



H HINGES.

	3	4	5	6	7	8	10	inch.
G 536.—Patent Wrought Iron	2/6	3/-	3/9	4/6	5/6	6/8	9/9	doz. pairs.
G 537.—Brass	—	—	3/-	3/9	—	—	—	pair.

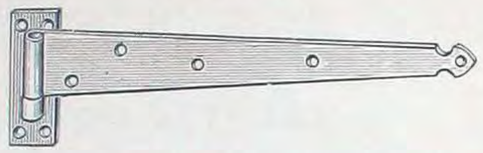
HL HINGES.

	4	5	6	7	8	10	12	inch.
G 538.—Patent Wrought Iron	4/4	5/9	6/4	7/-	8/6	13/-	18/-	doz. pairs.

Further details and special prices for large quantities will be sent on receipt of requirements.

WROUGHT AND CAST IRON GATE HINGES.

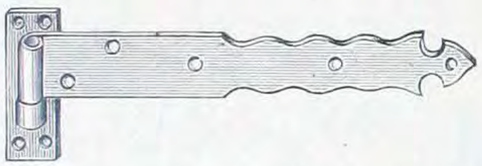
PATENT WROUGHT IRON HOOKS AND HINGES.



	10	12	14	16	18	20 inch.
G 540.—Hooks on plates	9d.	1/-	1/2	1/6	1/9	2/- pair.
G 541.—Ditto to drive	9d.	1/-	1/2	1/6	1/9	2/- ,,

Per cwt.,

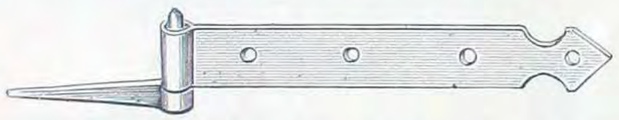
PATENT WROUGHT IRON GOTHIC HOOKS AND HINGES.



	12	14	16	18	20	22	24 inch.
G 542.—Hooks on plates	1/6	1/10	2/-	2/6	3/9	4/-	5/- pair.
G 543.—Ditto to drive	1/3	1/8	1/10	2/4	3/6	3/9	4/6 ,,

Per cwt.,

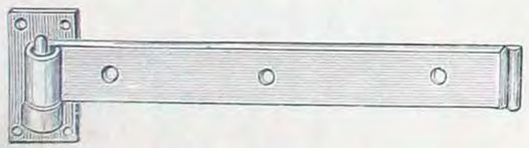
WELDED WROUGHT IRON HOOKS AND HINGES.



	12	14	16	18	20	22	24 inch
G 544.—Hooks on plates	1/3	1/8	1/10	2/6	2/9	4/-	4/6 pair.
G 545.—Ditto to drive	1/-	1/4	1/6	2/-	2/3	3/3	3/9 ,,

Per cwt.,

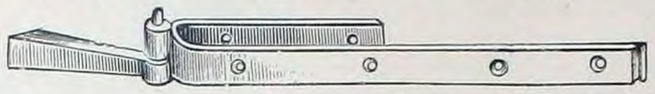
EXTRA STRONG WELDED WROUGHT IRON HOOKS AND HINGES.



G 546.	18	24	30	36 inch.
Straps	$1\frac{1}{4}\times\frac{3}{8}$	$2\times\frac{3}{8}$	$2\frac{1}{2}\times\frac{3}{8}$	$3\times\frac{3}{8}$,,
	4/-	5/9	9/6	12/3 pair.

Hooks also made either to drive, or with bolt and nut.

WROUGHT IRON GATE HINGES.



	18	24	30 inch.
G 555.—			
Strap	$1\frac{1}{2}\times\frac{5}{16}$	$1\frac{3}{4}\times\frac{5}{16}$	$2\times\frac{3}{8}$ inch.
Price	10/3	12/-	13/6 pair.
G 548.—Best solid welded eyes ...	18	24	30 inch.
Strap	$1\frac{3}{4}\times\frac{3}{8}$	$2\times\frac{3}{8}$	$2\frac{1}{4}\times\frac{3}{8}$ inch.
Price	17/6	19/3	21/- pair.

If with Hooks on plates, or fitted with screwed ends, washers and nuts, 9d. per pair extra.

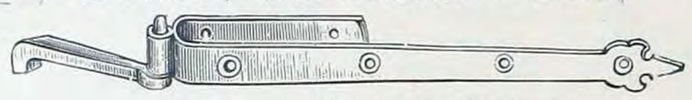
If 6 pairs one size G 555 ... 1/- pair less.
If 6 ,, ,, G 548 ... 1/6 ,,

WROUGHT IRON GATE HINGES.



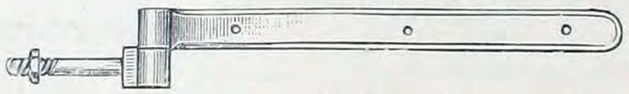
G 556. ... ... } 1/- pair extra to G 555 and
G 549.—Best solid welded eyes .. } G 548.

BEST WELDED WROUGHT IRON GATE HINGES, with Ornamental Ends.



G 550.—4/- pair extra to G 548.

WELDED WROUGHT IRON LOOSE BOX OR STABLE DOOR HINGES, with Chamfered Edges.

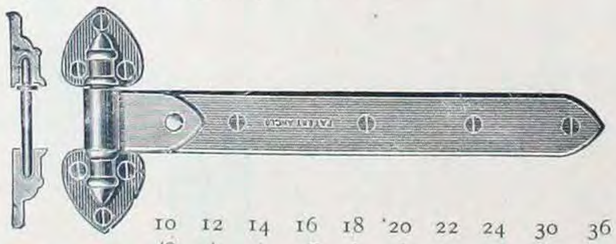


	18	24	30 inch.
G 547	$1\frac{3}{4}\times\frac{3}{8}$	$2\times\frac{3}{8}$	$2\frac{1}{4}\times\frac{3}{8}$ inch.
	9/6	11/6	12/6 pair.

PATENT FRICTIONLESS HINGES.

All dropping or sagging of the Doors is avoided by the use of a top and bottom socket for the pin, as shown.

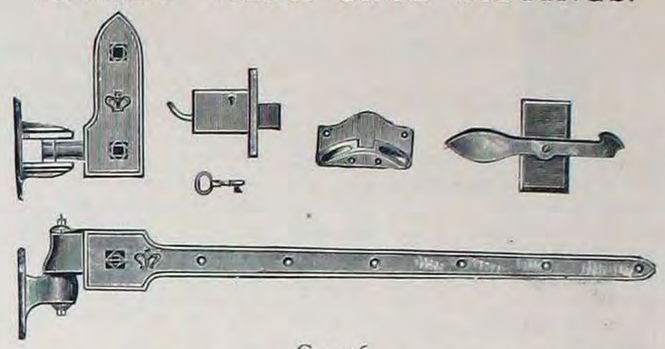
The construction of the pin causes it to revolve with the door, whereby the friction is greatly reduced.



	10	12	14	16	18	20	22	24	30	36 inch.
G 2444.	1/8	2/2	2/5	2/8	3/-	4/-	4/9	5/-	6/10	9/- pair.

Per cwt.

PATENT VILLA GATE FITTINGS.

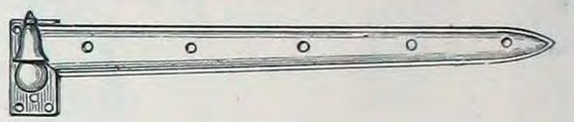


G 2446.

	2 ft. 3 in.	2 ft. 10 in.
Length of strap for top hinge ...		
Width between strap of hinges ...	$2\frac{3}{8}$ in.	$2\frac{7}{8}$ in.
Price per set	47/-	51/-
If Latch be made to lock with key ..	9/6 extra.	
If for stone steps	1/3 ,,	

Set consists of top and bottom hinge, latch and catch, and gate stop.

COLLINGE'S Patent SPHERICAL HINGES. SINGLE STRAP HINGE.

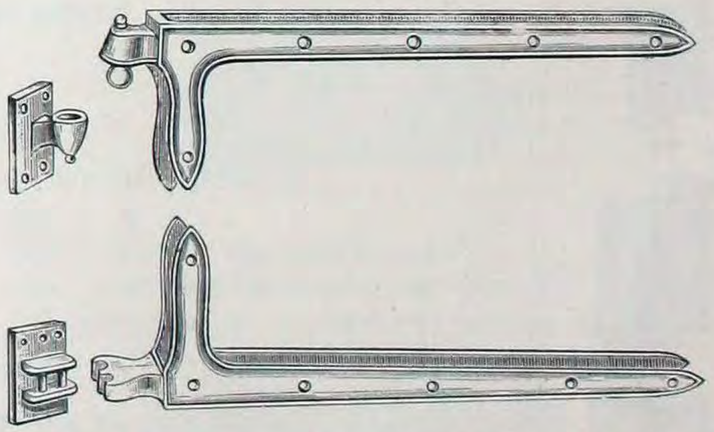


G 2447.	18	24	30	36	42	48	54	60 inch.
	5/10	7/6	10/-	12/6	16/-	18/6	21/-	23/6 pair.
G 533.—Heavier, with pins turned and polished,	18	24	30	36	42	48	54	60 inch.
	7/-	9/-	12/-	15/-	19/-	22/-	25/-	28/- pair.

1/- per pair extra for stone steps. Bolts, 4d. each.

When ordering state hand on which gate is hung, also if hung to wood posts, or stone, or brick piers.

COLLINGE'S PATENT SELF-CLOSING DOUBLE STRAP HINGES FOR PARK GATES, &c.



G 554. ... ... 25/- per pair per foot of strap.
G 2448. Lighter ... ... 18/9 ,, ,, ,,

Up and down straps measured, so that 24 inch hinges with 6 inch up and down would be charged as 30 inches.

For Mediæval Hinge Fronts, and Hinges, etc., see Church Fittings. Every description of special Hinge Work made to order.

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

DOOR SPRINGS, STOPS, &c.

SINGLE ACTION SPRING HINGES.



G 571.—Iron

3	3½	4	5	6	inch.
1/3	1/6	1/10	2/4	2/11	each.

G 572.—Brass

3	3½	4	5	6	inch.
2/6	3/-	3/6	4/6	5/6	each.

DOUBLE ACTION SPRING HINGES.



G 573.—Iron

3	3½	4	5	6	inch.
4/-	5/-	6/-	8/-	10/-	pair.

Spring Hinges only

2/9	3/6	3/9	5/3	6/6	each

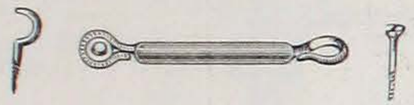
G 574.—Brass

3	3½	4	5	6	inch.
6/6	8/-	10/-	13/-	15/-	pair.

Spring Hinges only

4/6	5/6	7/-	9/-	10/6	each.

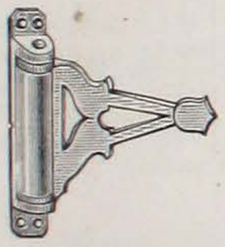
INDIA RUBBER DOOR SPRINGS.



Size -	A	B	C	
G 576.—Round...	7d.	10½d.	1/2	each.



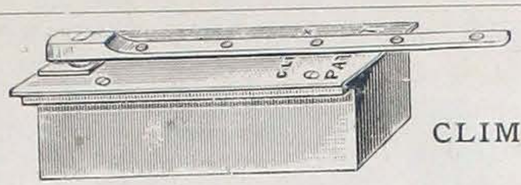
Size	1	2	3	
G 577.—Flat ...	1/8	2/3	3/4	each.



HELICAL DOOR SPRINGS.

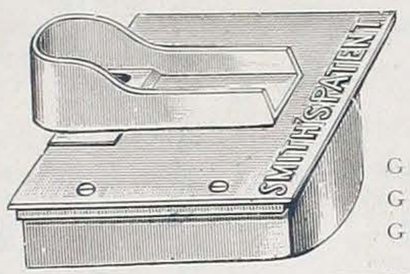


	3	3½	4	5	6	7	8	in.
G. 578.—Iron	1/3	1/6	1/9	2/4	3/-	4/6	5/6	ea.
,, Brass	2/1	2/6	2/11	3/9	4/7	7/6	9/-	,,



CLIMAX DOOR SPRINGS.

		G 588. For Light,	G 589. Medium,	G 590. Heavy,	G 591. Extra Heavy Doors.	
If ...		10/6	14/-	23/6	28/-	each.
	1½	1⅝	1⅝ to 2	1¾ to 2	2 2⅛ 2¼	in. thick
If with ...s for doors...	12/-	12/6	16/6	26/-	31/- 32/- 32/-	each.



SMITH'S PATENT DOOR SPRINGS.

	With strap.	With brass shoe. 1½–1⅞ 2 2⅛ or 2¼		
G 592A.—For light doors	14/6	17/-	17/-	—
G 593A.—For medium ,,	21/-	23/6	23/6	24/6
G 594A.—For heavy ,,	29/-	32/-	32/-	33/-

DOOR SLAM SPRINGS.



G 600.—Brass, 10d. ea.
G 601.—Iron, 6d. ,,



G 602.—Brass... 11d. each.

BRASS DOOR STOPS.



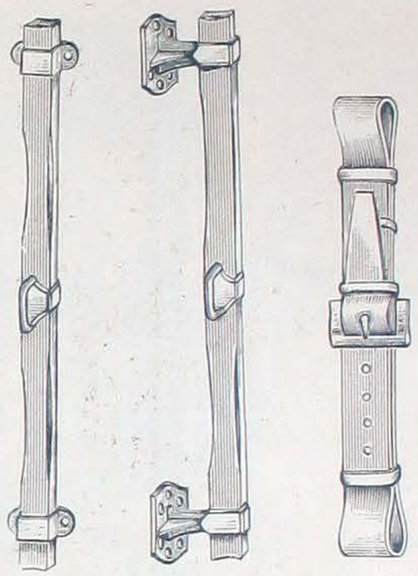
G 603.— 2/- each.

INDIA-RUBBER DOOR STOPS.



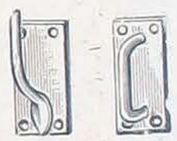
G 604.—Assorted Colours } 4/- doz.
G 604A.— Wood Cores .. } 2/6 ,,

LANCEWOOD DOOR SPRINGS.



	G 605.	G 606.	G 607.
G 605.—Iron mounts	...		2/11 each.
,, Brass ,,	...		9/- ,,
G 606.—Iron ,,	...		4/3 ,,
,, Brass ,,	...		18/- ,,
G 607.—Leather strap for ditto	...		4/- ,,

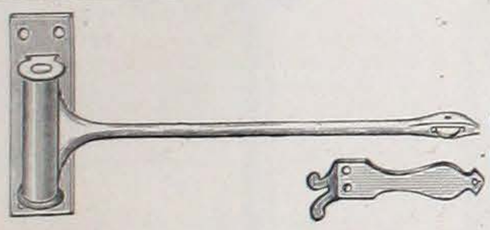
DOOR STRAP HOOKS AND STAPLES.



G 608.

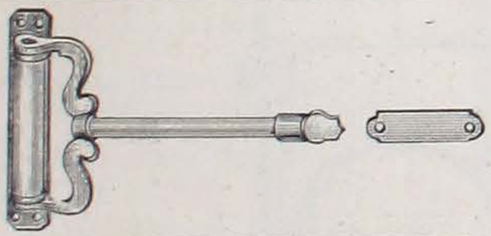
Iron	...	10½d. pair.
Brass	...	2/5 ,,

LONG TAIL DOOR SPRINGS.



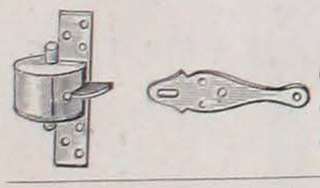
	12	14	16	18	20	22	24	in.
G 580.—Light	1/1	1/2	1/3	1/4	—	—	—	ea.
G 581.—Medium	1/4	1/5	1/6	1/8	1/9	1/10	2/-	,,
G 582.—Strong	—	—	2/6	2/8	2/10	3/-	3/4	,,

PATENT ROD DOOR SPRINGS.

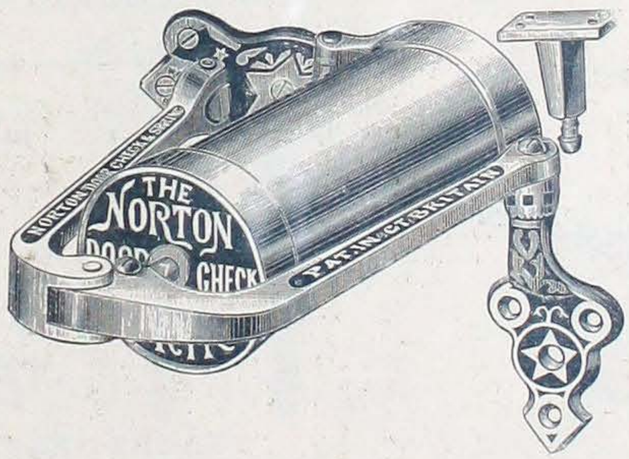


	14	16	18	20	22	24	in.
G 583.—Brass mounts ...	4/-	4/4	4/8	5/-	5/4	5/8	ea.
G 584.—All Brass ...	6/8	7/1	7/6	7/11	8/4	8/9	,,

BRASS CIRCULAR DOOR SPRINGS.



G 585.—Small ... ... 7/- each.
G 586.—Medium .. .. 8/- ,,
G 587.—Large ... ... 11/3 ,,



T 2176.

No. 0.—Suitable for doors not exceeding 4 feet in width by 3 inches in thickness .. 33/- each.
No. 1.— ,, ,, ,, 3½ ,, ,, ,, 3 ,, ,, ... 26/- ,,
No. 2.— ,, ,, ,, 2 feet 8 inches in width by 2 inches in thickness 22/- ,,
No. 3.— ,, ,, ,, 2 ,, 6 ,, ,, 1½ ,, ,, 18/- ,,
No. 4.—For Screen and other light doors ... ... 18/- ,,

Special list giving instructions for measuring, fixing, &c., sent on application.

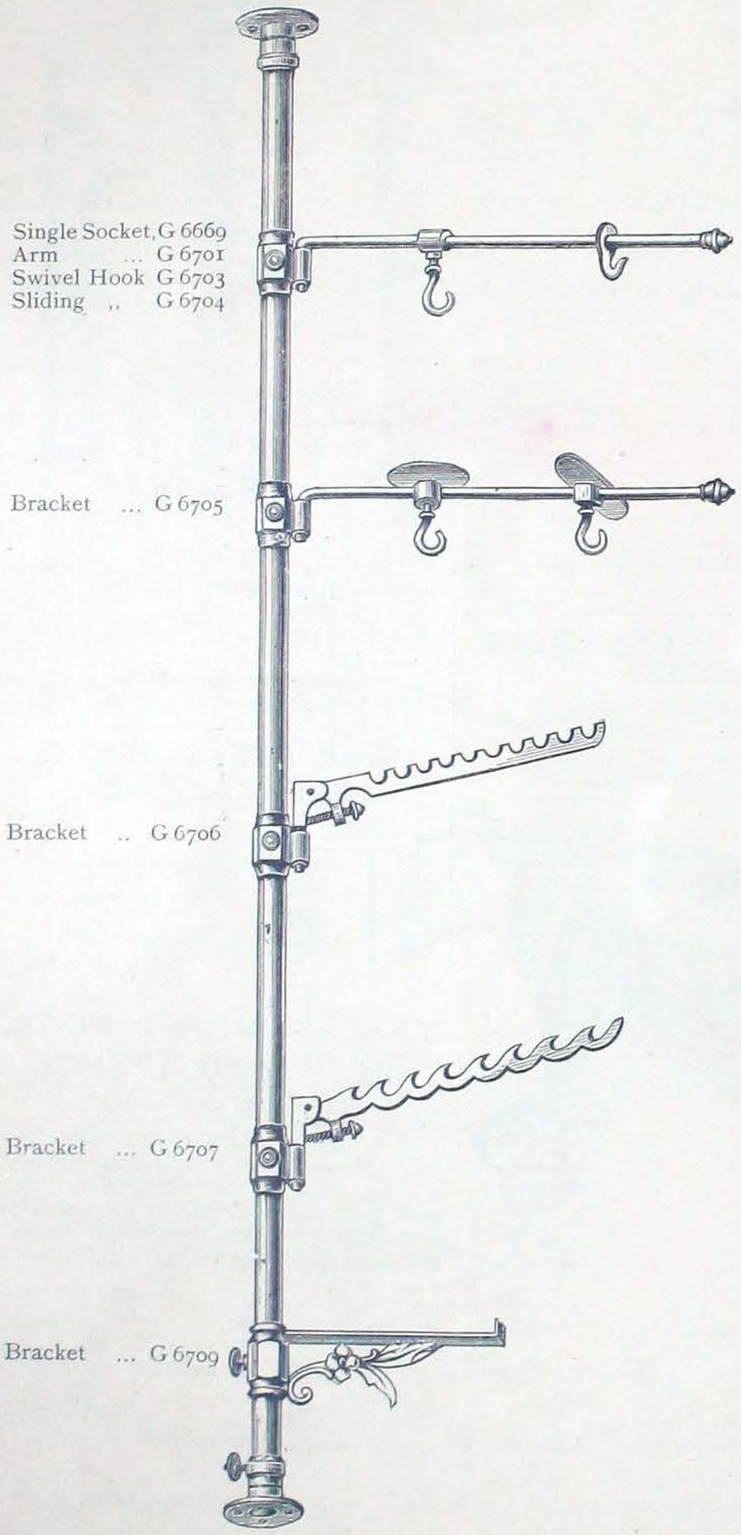
THE "NORTON" DOOR CHECK AND SPRING,

NICKEL PLATED ALL OVER.

This Spring is fixed to the top of the door, and will close it with absolute silence. May be applied to the back or front of the door, as desired, which must be stated in ordering; also if door is flush with frame, and if not, give distance it stands back.

Illustrations are about one-sixth full size, except Lancewood Door Springs, which are one-twelfth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

Shop Window Fittings, Music Stool Screws and Table Expanders.



Top and Bottom Socket, G 6710.

BRASS SHOP WINDOW FITTINGS.

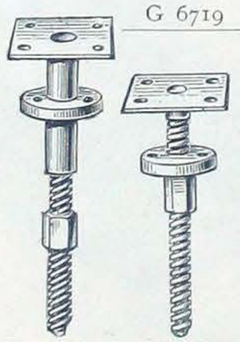
	For $\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in. rod.		
G 6669.—Sliding sockets ...	5/6	6/6	7/9	9/-	per doz.	
G 6700.—Double ditto ...	6/9	7/6	8/6	10/-	,,	
	10	12	14	16	18	inch.
G 6701.—Arms only × $\frac{1}{4}$ in.	2/6	2/9	3/-	3/3	3/6	per doz.
Ditto × $\frac{5}{16}$ in.	—	4/-	4/6	4/9	5/3	,,
	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	inch.
G 6703.—Swivel hook	7/-	—	—	—	—	per doz.
G 6704.—Sliding ditto	—	5d.	7½d.	9d.	1/-	,,
			8	10	12	inch.
G 6705.—Boot or shoe bracket			—	—	16/6	per doz.
G 6706.—Notched ditto, to rise and fall			11/-	13/-	15/-	,,
G 6707.—Do., do., machine made			12/-	13/3	14/3	,,
G 6709.—Glass shelf bracket with socket for $\frac{3}{4}$ in. rod ...	4	5	6	7	8	inch.
	25/-	27/-	30/-	32/-	35/6	per doz.
G 6709A.—Do., do., for 1 in. rod ..	40/-	42/-	46/6	54/-	60/6	,,
G 6710.—Top and bottom sockets	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	inch.	
	12/8	13/8	15/4	18/6	doz. pr.	
G 2450.—Machine made rod socket, to unscrew	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	inch.
	4/-	4/6	5/-	6/-	6/9	10/3	16/3	doz.
G 6711.—Boot or shoe bracket	10 × $\frac{5}{16}$ in.				17/6	per dozen.		
G 6712.—Ditto ditto	10 × $\frac{1}{4}$ in.				18/6	,,		
	For $\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	inch rod.		
G 6713.—Rod bracket	5/-	6/3	7/6	8/6	9/6	per doz.		
G 6714.—Bonnet or hat ditto ...	8 × $\frac{1}{4}$ in.				5/3	per doz.		
G 6715.—Ditto ditto	12 × $\frac{3}{8}$ in.				23/-	,,		
	For $\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	inch rod.		
G 6716.—Rod brackets	4/6	5/9	6/9	8/-	9/6	per doz.		
G 6716A.—Do.	—	4/6	5/9	7/9	10/6	,,		
					$\frac{1}{4}$	$\frac{5}{16}$	inch.	
G 6717.—Sockets for Arms, single					1/8	2/4	doz.	
G 6718.—Ditto double					2/10	3/8	,,	

See also page 25.
For prices of Brass-cased Rods see page 46.

YARD COUNTER MEASURES.



G 6719 ... ... 1/8 each.



MUSIC STOOL SCREWS.

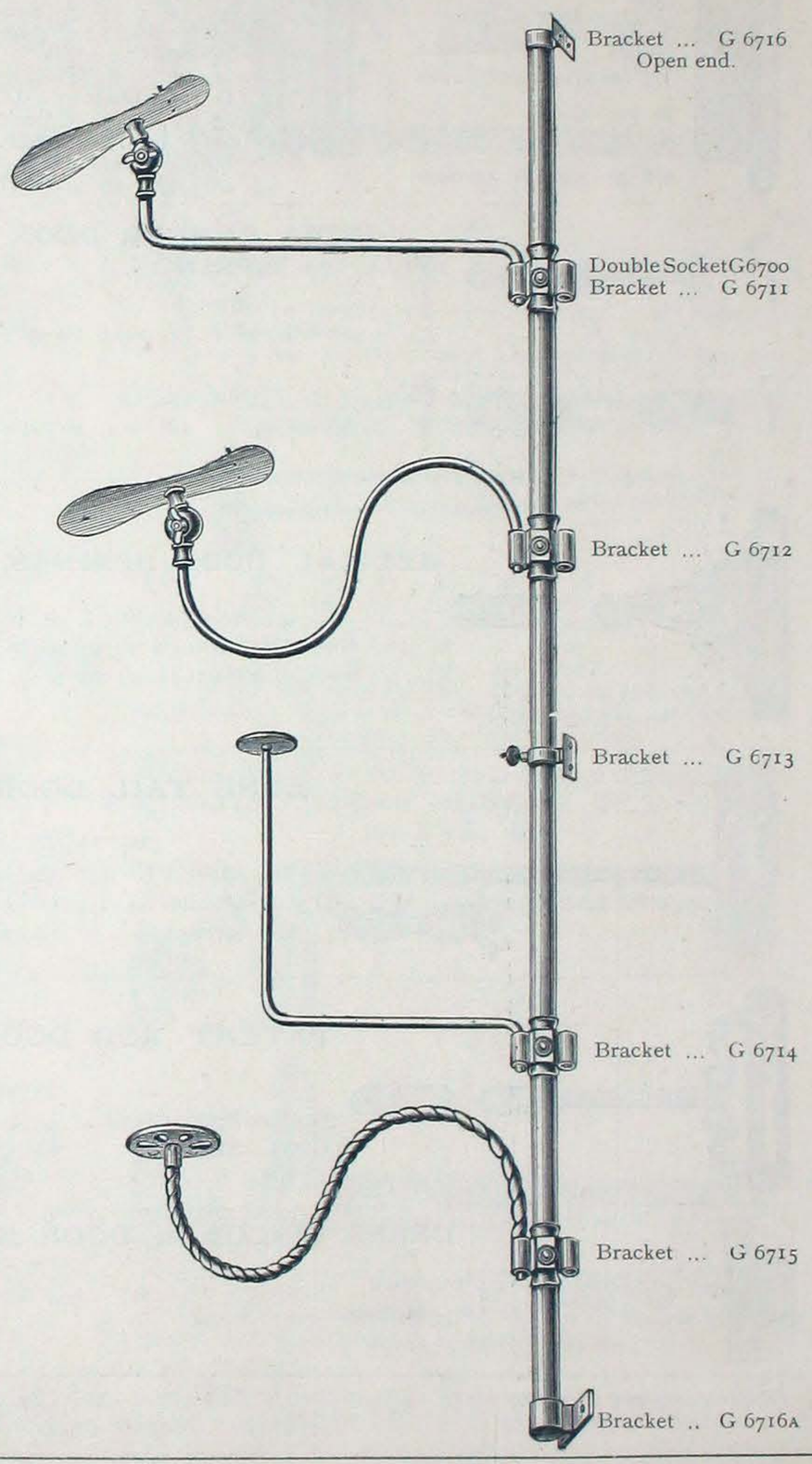
	$6\frac{1}{2} \times \frac{3}{4}$	$7 \times \frac{7}{8}$	8 × 1 in.
G 6720	1/6	1/9	2/6 each.
	$8 \times \frac{3}{4}$	$9 \times \frac{7}{8}$	10 × 1 in.
G 6721	2/6	4/-	6/6 each.

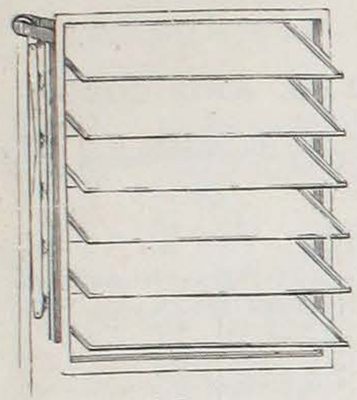
10 × 1 inch works in felt lining.

TABLE EXPANDERS.

G 6722.—Single action—	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
Length of movement closed	2 10	3 4	3 10	4 4	4 10
Length of top screw will admit	2 7	3 1	3 7	4 1	4 7
Length of table when open	6 0	7 0	8 0	9 0	10 0
Each	5/-	5/4	5/8	6/4	7/-.

G 6723.—Double action—	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
Length of screw closed ..	2 7	2 11	3 3	3 7	3 11	4 3	4 6	4 9
Length of top screw will admit	4 7	5 2	5 10½	6 6½	7 1½	7 9	8 3	8 8
Length of table when open, ea.	8 0	9 0	10 0	11 0	12 0	13 0	13 6	14 0
	10/-	10/7	11/3	12/4	13/4	23/-	26/-	30/





G 6730.

REGISTERED LOUVRE GLASS VENTILATOR.

These Ventilators can be opened and wholly or partially closed at pleasure, with pulley and line. They are not liable to get out of order, and are durable and neat in appearance, easily fitted to any description of window, made to any size or shape, with ornamental glass, etc.

Large squares can be partially ventilated.

VENTILATORS.

	First Quality. Plate Glass bevelled and polished edges.	Second Quality. Plate Glass ground and polished edges.	Third Quality. Sheet Glass Plain edges.
	each s. d.	each s. d.	each s. d.
Not exceeding 1 ft.	12 6	11 6	10 0
	per foot.	per foot.	per foot.
Above 1 ft. and not exceeding 2 ft. ..	12 6	11 6	10 0
,, 2 ,, ,, 3 ,, ...	12 0	11 0	9 6
,, 3 ,, ,, 4 ,, ..	11 0	10 4	9 0
,, 4 ,, ,, 5 ,, ..	10 3	9 9	8 9
5 ,, and upwards	9 6	9 0	8 6

In executing orders, the first dimension stated is taken as the height and the second as the width; for instance, 19 by 14 would be considered as 19 high and 14 wide; and all Ventilators are made of the best description unless otherwise ordered. State whether measured in clear between sash bars, or as for a pane of glass, and if sashes are glazed from the inside or out.

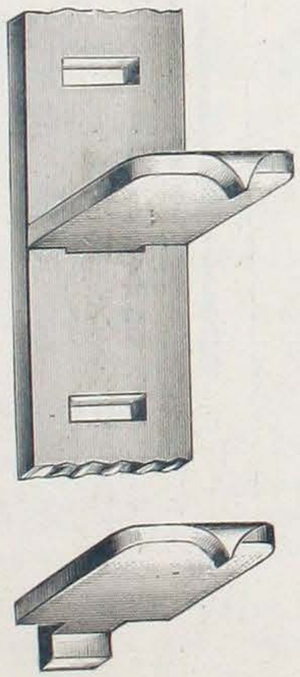
They can easily be fixed by any glazier, being put into the sash in the same manner as a pane of glass.

In fixing the Ventilators care should be taken not to bind the action; and in all cases it is most desirable for appearance and action that the Ventilators should be kept clean.

Special Prices for Ventilators made with Quarry Lights. Those with obscured and ornamental Glass will be charged Second Quality.

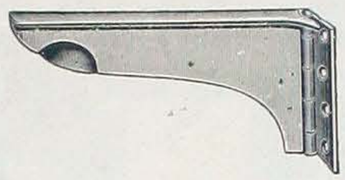
Special Prices for Ventilators of irregular shape.

BOOK-SHELF FITTINGS.



G 2203.—Iron Strip .. .. 2d. per foot.
G 2204.—Brass Strip .. .. 7d. ,,
In 6 feet lengths, if cut ½d. per foot extra.
Plates for Ditto.
G 2205.—Iron, 5d. per doz. G 2206.—Brass, 8½d. per doz.

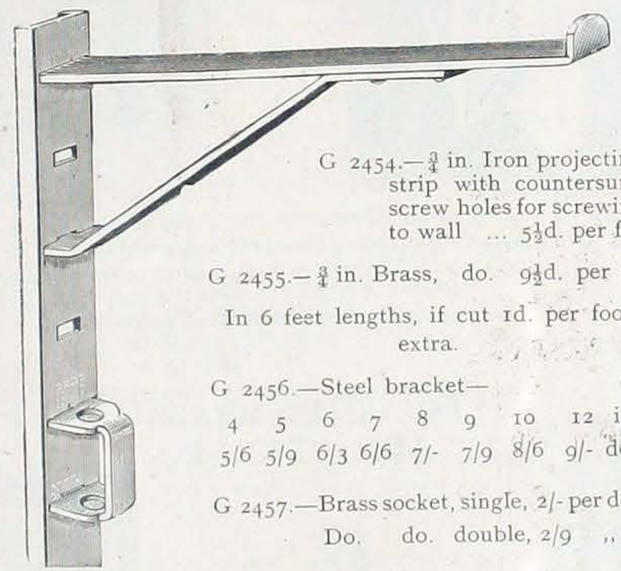
STEEL TABLE FLAP BRACKET.



G 2451.

6 inch	7½d. per pair.
8 ,, ...	10½d. ,,
10 ,, ...	1/3 ,,
12 ,, ...	1/9 ,,

SHOP WINDOW FITTINGS.



G 2454.—¾ in. Iron projecting strip with countersunk screw holes for screwing to wall ... 5½d. per ft.

G 2455.—¾ in. Brass, do. 9½d. per ft.

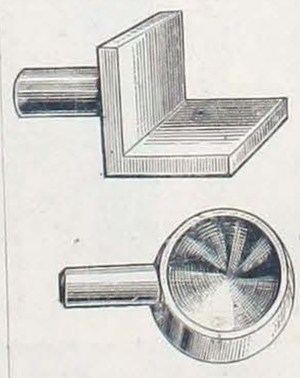
In 6 feet lengths, if cut 1d. per foot extra.

G 2456.—Steel bracket—

4	5	6	7	8	9	10	12 in.
5/6	5/9	6/3	6/6	7/-	7/9	8/6	9/- doz.

G 2457.—Brass socket, single, 2/- per doz.
Do. do. double, 2/9 ,,

BOOK-CASE STUDS.



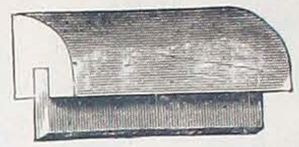
G 2207.– Malleable Iron.

⅜	½	⅝	1 inch.
7d.	9½d.	10½d.	11¼d. per doz.

⅜	¾ inch.
G 2208.– Brass, 1/5	2/- per doz.

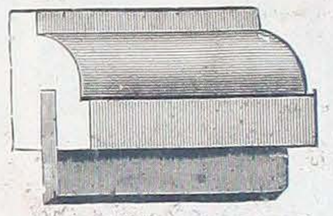
FELT WEATHER STRIPS.

G 2460.—For inside of upper sash.



2½d. per foot in 7 feet lengths.

G 2461.—For doors and windows.



3d. per foot in 7 feet lengths.

DRAUGHT TUBES AND BEADING.



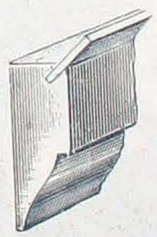
G 560.—India-rubber.

⅛ in.	3/16 in.	¼ in.	5/16 in.	⅜ inch.
3d.	4d.	5d.	8d.	11d. per yard.

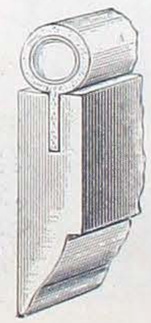
or 2/3 per lb.

G 560B.—Baize covered, scarlet or green.

3/16 in.	¼ inch.
5d.	6½d. per yard.



G 561.



G 562.

G 561 ... ... 1½d. ft. in 7 ft. lengths.
G 562.—Cloth covered, red or green 2d. ,, ,,

Further details and special prices for large quantities will be sent on receipt of requirements.

DRAUGHT EXCLUDERS AND SASH OPENERS.

HURRICANE DRAUGHT EXCLUDER.

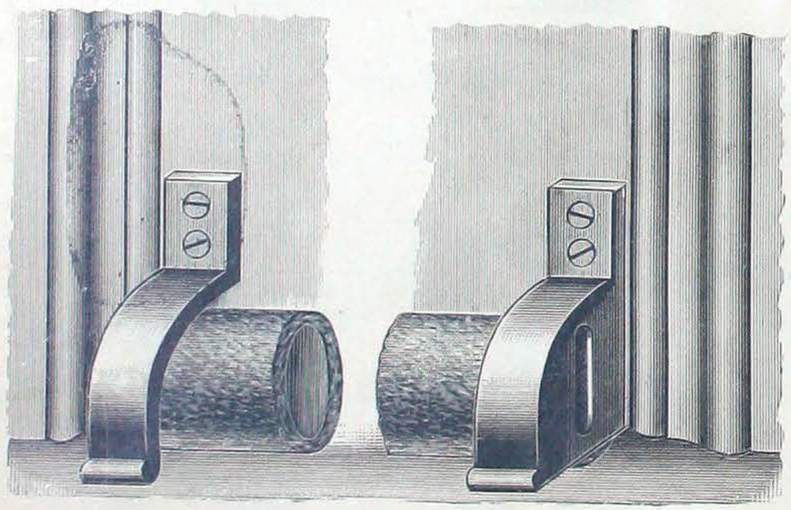
For Fixing in Angle or Rebate of Door or Casement Frame.



G 2464.—Cloth covered, crimson, green, brown and fawn ... .., 3½d. per yard.

PATENT DRAUGHT EXCLUDER.

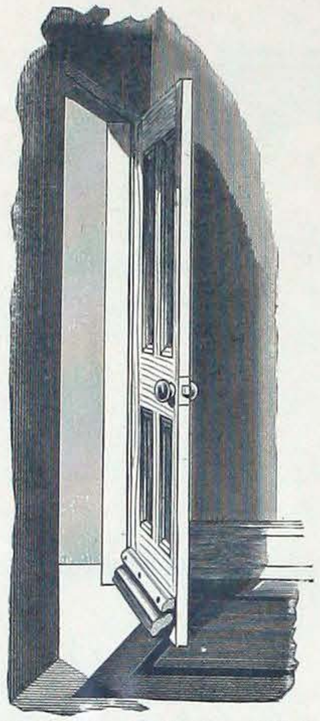
Prevents all draught and can be fixed to any door.



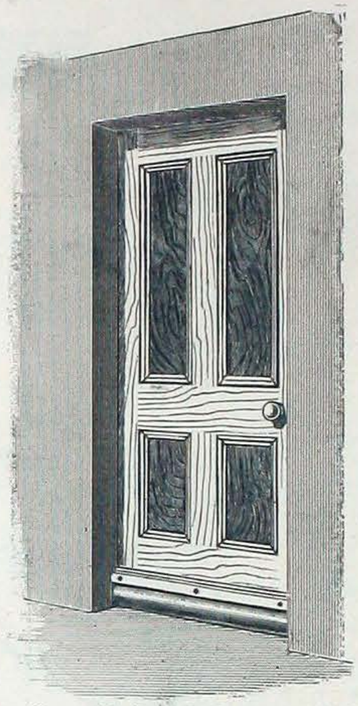
G 2465.—Consists of a Crimson Plushette Covered Roller, and two polished Brass Brackets.

For doors 3 ft. wide	...	...	...	..	2/5 each.
,, ,, 3 ft. 6 in. wide	..	...	...	...	2/9 ,,
,, ,, 4 ft. wide	...	...	...	..	3/1 ,,

THE "CHAMPION" DRAUGHT, DUST, AND RAIN PREVENTER.



Door with Draught Preventer **OPEN.**

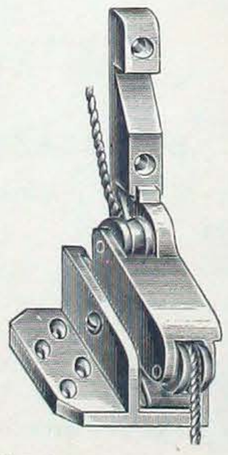


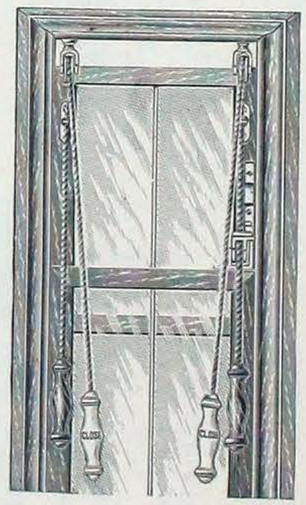
Door with Draught Preventer **SHUT.**

On shutting the Door this appliance closes the space which exists between every door and the floor or step, and on opening it automatically raises itself sufficiently to clear the carpet or other floor covering.

G 2466.—For doors up to 33 in. wide	...	...	2/6	each.
,, ,, 33 to 36 in.	,,	...	2/8	,,
,, ,, 36 to 46 in.	,,	..	3/2	,,

POLISHED BRASS SASH FASTENER AND OPENER.

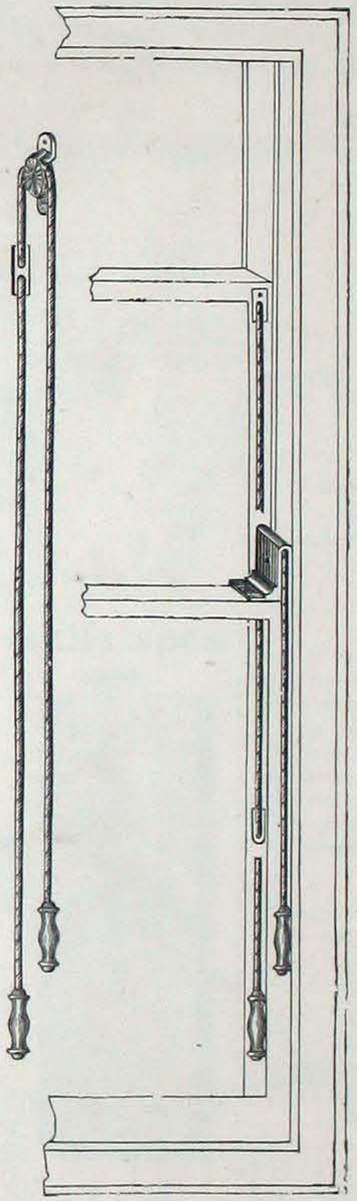




G 2467.—10/- per set, consisting of one Fastener, two Pulleys and Plates, two China and two Wood Handles.
Cords extra, 2/- doz. yards.

PULLEYS, HANDLES, AND CORDS.

For Opening and Closing Window Sashes.



G 6734. G 6735.

G 6734.—Bronzed iron frames, brass wheels,
10d. per set,
Consisting of 2 pulleys and 2 plates.

G 6735.—Bronzed iron frames, brass wheels,
1/4 per set,
Consisting of 2 pulleys and 4 plates.

Do. do. brass frame and wheel,
3/6 per set.

G 6736.—Handles are not included in above sets; price with india-rubber rings,

Ebonized	..	5½d. each.
Oak	...	6½d. ,,

Do. do. small,

Ebonized	...	3d. each.
Oak	..	4d. ,,

NOTE.—G 6734 is suitable when top sash only slides.

G 6737.—Best quality cable laid cord for above,
9d. per dozen yards.

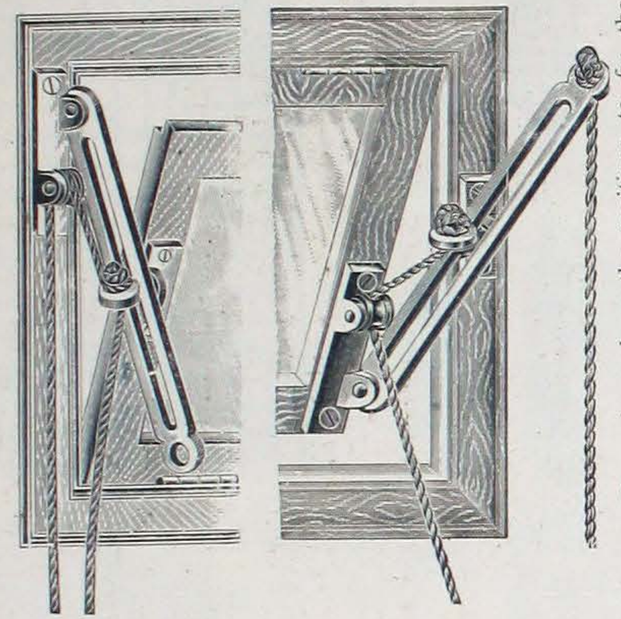
Handles, G 6736.

Further details and special prices for large quantities will be sent on receipt of requirements.

PICKUP'S PATENT FANLIGHT OPENERS.

For Lights *closing flush inside*, and either hung at top and opening outwards or hung at bottom and opening inwards.

The same Opener will answer for Lights hung both ways.



Left-hand. Fig. A. Right-hand. Fig. B.

These Illustrations show the positions to fix the Openers and threading of Cords.

This is a simple, cheap and effective Opener for Fanlight and other windows, and will supply the want long desired of a cheap Opener for medium size windows.

G 2469.—Brass, 2/9 each; Iron, 1/8 each.

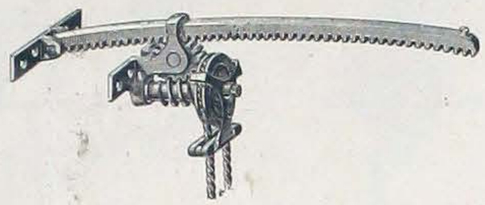
G 2470.—For *Recessed* Lights, hung at bottom, opening inwards ... ... } Brass 2/11 each. Iron 1/10 each.

G 2471.—For Lights hung at the top opening outwards, *closing flush outside* or Fanlights turning on centres ... } Brass 2/11 each. Iron 1/10 each. Lazy Pulleys 1/2 each.

G 2472.—Fanlights *hinged at the side*, opening outwards .. .. } Brass 2/11 each Iron 1/10 each.

Reduction of 10 per cent. if ordered in dozens.

LEGGOTT'S SILENS FOR FANLIGHTS.



G 6747.

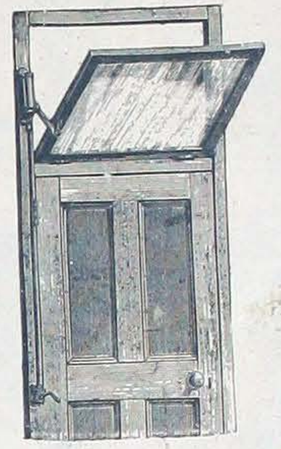
	EACH.
No 2.—Malleable Iron with Gun Metal Working Parts	3/-
No. 2.—All Gun Metal	4/3
No. 2 opens 10 in., and is suitable for Windows about 2 ft. square, or similar area.	
No. 6.—Malleable Iron with Gun Metal Working Parts	4/3
No. 6.—All Gun Metal	6/6
No. 6 opens 15 in., and is suitable for Windows about 3 ft. square, or similar area.	
No. 8.—Malleable Iron with Gun Metal Working Parts	8/3
No. 8.—All Gun Metal	18/-
No. 8 opens 18 in., and is suitable for large heavy Windows.	

In ordering state if Fanlight opens inwards or outwards.

These are made to fix in almost any imaginable position, and are always locked when open or closed.

Reduction of 10 per cent. if ordered in dozens.

LEGGOTT'S "WILMOS" FANLIGHT OPENER.



G 6740.

A New Patent Fanlight Opener, worked with a rod or endless cord, and will be found efficient in working, and smart in appearance. When fixed with rod it only projects 1¼ in., except at the handle, which is 2 inches.

It is made to open fanlights inward, outward, top or bottom; is easily fixed, no cutting away of wood, and no letting-in required, but simply to screw on. When ordering say how light is hung.

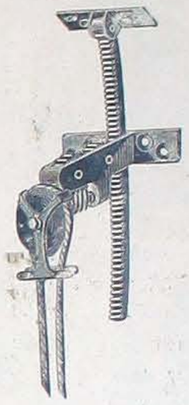
PRICE:

With rod not exceeding 6 ft.

Japanned Iron, 20/-; part Gun Metal and part Iron, 31/6.

For cheaper pattern see page 249.

LEGGOTT'S NEW SILENS FOR SKYLIGHTS.



G 6750.

	EACH.
No. 3.—Malleable Iron with Gun Metal Working Parts	4/-
No. 3.—All Gun Metal ...	5/6
No. 3 opens 10 in., and is suitable for Skylights 2 ft. long and 1 ft. 3 in. wide.	
No. 5.—Malleable Iron with Gun Metal Working Parts	5/6
No. 5.—All Gun Metal ...	8/-
No. 5 opens 15 ins. and is suitable for Skylights 3 ft. long and 2 ft. wide.	
No. 7.—Malleable Iron with Gun Metal Working Parts	10/-
No. 7.—All Gun Metal ...	24/6
No. 7 opens 18 in., and is suitable for Skylights 5 ft long and 3 ft. wide.	

For roof lights above this size we make a special powerful opener.

Reduction of 10 per cent. if ordered in dozens.

G 6752.—**CORDS FOR SILENS**—Green, Red, Buff, and Peacock-Blue. They are strong, pliable, and without knot. There are four thicknesses—**A**, **B**, **C**, and **D**.

A is suitable for No. 2 Adjustment.
B is suitable for Nos. 6 and 8 Fanlights, and No. 3 Skylight.

C, in Grey only, is the same price as **B**, and is suitable for No. 5 Skylight.
D, in Grey only, is one-fifth more than **B**, and is suitable for No. 7 Skylight.

All Cords are measured double, thus: (9 feet.)

	4	5	6	7	8	9	10	11	12	13	14	15 feet.
Price of **A** Cords	5d.	5d.	5d.	8d.	8d.	8d.	10d.	10d.	10d.	1/1	1/1	1/1 each.
,, **B** ,, ...	8d.	8d.	8d.	10d.	10d.	10d.	1/1	1/1	1/2	1/3	1/5	1/8 ,,

G 6753.—Double-side Swivel Pulley, with centre guard and regulating pulley boss, is suitable for Nos. 2, 6, and 8 Fanlight Opener, and Nos. 3 and 5 Skylight Opener. Gun Metal, 2/3 each; Iron, 1/4 each.

G 6754.—Ditto, ditto, suitable for No. 7 Skylight Opener. Gun Metal, 3/9 each; Iron, 2/4 each. Brass Hooks, to hang Cord on, 1/- per dozen.

In fixing, the Cords must not be cut or divided. A Cord with a knot will not do. It is important a Hook, to hang the Cord loosely on, be used in each case, except a Weighted Slide be used.

Price: Gun Metal, 4/- each; Iron, 2/4 each.

We can highly recommend the Silens for Fanlights and Skylights, and can guarantee the easy and noiseless opening and closing of any window, whatever its size, provided a suitable sized Adjustment is used.

Particulars required when Ordering—Height and width of light, how it is to open, distance from adjustment to 4 feet from the floor.

Further details and special prices for large quantities will be sent on receipt of requirements. *For Opening Gear for Larger Lights, see Wrought-iron section.*

ENTRANCE DOOR FURNITURE AND LETTER BOXES.

BELL PULLS.



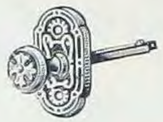
G 618.
Brass, with china knob, 1/1 each.
G 2180.
With reeded brass knob, 1/3 each.



G 619.
Steel bronzed china knob, 1/5 each.



G 620.
Brass,
2½ in. ... 1/5 each.
3 ,, ... 1/11 ,,



G 2181.
Brass, 1/4 each.



G 621.
Brass, bronzed, 1/10 each.
Iron, 6d. each.



G 622.
Brass, or Steel bronzed 2/3 ea.



G 623.

	Brass.	Iron.
3 in.	2/6	10½d. each.
3½ ,,	4/-	1/5 ,,
4 ,,	6/-	1/9 ,,



G 625.—Bronzed brass.

4	4½	5	5½	6 inch.
2/8	3/3	3/10	4/6	5/6 each.

Lettered: Visitors, House, Office, Night, or Plain.



G 626.—Brass .. 5/- each.

QUADRANT BELL PULLS.



G 631.—Bronzed brass, 2/3 each.
Bronzed iron, 6½d. each.



G 632.— Steel bronzed brass, 2/9 each.
Berlin black iron, 2/4 each.

BELL SLIDES.



G 627.
Brass, 10d. each.



G 628.
Brass, 1/6 each.

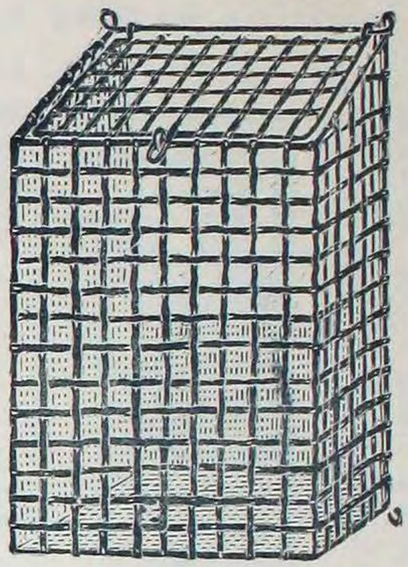


G 629.
Brass, 2/2 each.



G 630.
Brass, 3/6 each.

LETTER CAGE.



G 2486.

	11 × 7¼ × 5	13 × 8¼ × 5½ in.
Japanned black	2/10	3/3 each.

IRON DOOR KNOCKERS (Berlin Blacked or Bronzed).



G 2480. —1/2 each.
7½ in. × 4½ in.



G 2481.—1/5 each.
9 in. × 2 in.



G 635.—1/1 each.
9¾ in. × 3¼ in.
G 2483.—9½d. each.
8¾ in. × 2¾ in.



G 637.—1/1 each.
8¾ in. × 3 in.



G 2184.—Iron, 1/6 each.
G 2185.—Bronzed brass, 5/10 each.
9½ in. × 3½ in.



G 2482.—1/9 each.
9½ in. × 4¼ in.



G 638.—1/7 each.
9½ × 4¼ in.

CENTRE DOOR KNOBS.



G 2476.—China.

	2¾	3 3½ in.
White	11d.	1/- 1/2 ea.
Black	1/1	1/2 1/4 ,,



G 2477.—Iron.
Berlin black 10d. each.



G 2478.—Iron.
Berlin black, 10½d. each.



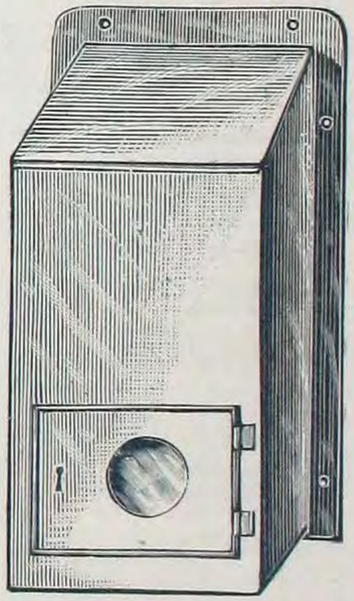
G 2479.—Iron.
Berlin black 9d. each.
Brass, steel bronzed, 3/8 each.

LETTER PLATES.



	6	7	8	9	10	12 in.
G 634.—Iron	...	--	11d.	—	—1/10	— ea.
,, Brass	..	—	3/6	—	—	— ,,
G 639.—Plain brass		2/3	3/-	4/9	6/6	8/- 11/6 ,,
G 640.—Do., upright		—	3/-	—	—	— — ,,
,, Fancy do. do		—	3/4	—	—	— — ,,
G 2484.— Iron, with spring			9d.	—	--	— — ,,
G 2485.—Do., do. upright	..		--	11d.	—	— — ,,

LETTER BOX.



G 2487.

	12½ × 6 × 3¼	13½ × 7 × 4 in.
Japanned oak...	4/3	5/9 each.

G 2488.

	18 × 7 × 4 in.
Japanned oak, with wire door	6/9 each.
	18 × 10 × 5½ in.
,, ,, ,, ,,	10/6 each.

Illustrations are about one-sixth full size. *The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.* *For Gate Pulls see page 29.*

ENTRANCE DOOR FURNITURE AND BELL PULLS.

POSTAL HANDLES.



G 2187.
Iron, Berlin black or relieved varnished, 1/10 each.
G 2188.—Bronzed Brass ... 10/6 each.
Extreme length, 10¾ in.



G 2490.—Iron ... ... 1/10 each.
Extreme length, 10 in.



G 2189.
Polished brass or steel bronzed, 5/- ea.
Extreme length, 7½ in.



G 2491.
Polished Brass ... ... 5/- each.
Extreme length, 8 in.



G 2494.
Polished Copper ... ... 12/- each.
Polished Brass ... ... 10/- ,,
Extreme length, 9¾ in.

POSTAL HANDLES AND KNOCKERS, Combined.



G 2495.—Polished brass ... 5/9 each.
Extreme length, 8 in.
Ditto do. 11¾ in. 12/6 ,,
G 2496.—Similar, polished brass, 3/8 each.
Extreme length, 7½ in.



G 2192.—Polished brass ... 7/- each.
Extreme length, 8 in.



G 2190.
Steel bronzed or polished brass ... 6/3 each.
Extreme length, 8 in.

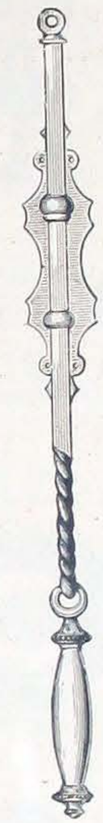


G 2191.—Polished brass ... 7/6 each,
Extreme length, 8¾ in.

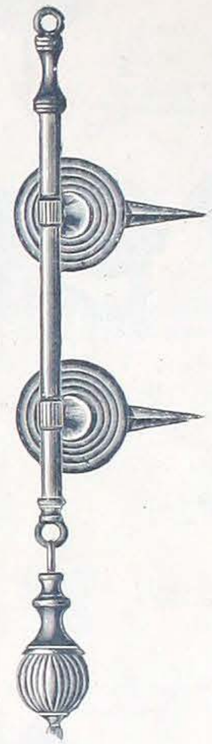
GATE BELL PULLS.



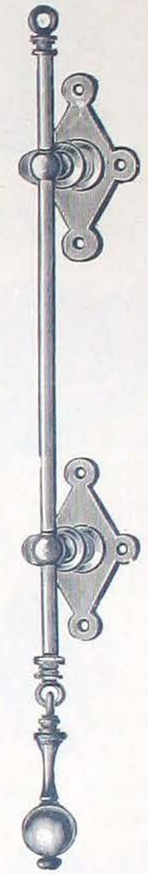
G 2498. Each.
Polished brass 11/-
Iron 4/3



G 616. Each.
Polished brass 15/-
Steel bronzed, brass ... } 12/6
Iron 7/9



G 2499.
Polished brass, 6/- each.



G 2500.
Each.
Polished brass 14/6
Steel bronzed 13/9

LEVER BELL PULLS.



G 609.
White or black china, 2/8 pair.



G 610.
White or black china, 3/8 pair.
If with gold lines, 4/6 pair.



G 611.
White or black china, 5/6 pair.
If with gold lines, 6/6 pair.



G 613.
Cream color china, 14/3 pair.
Crystal glass, 29/- ,,
Cut crystal glass, 23/- pair.



G 614.
All brass, 12/9 pair.
G 614s.
Smaller do. 7/6 pair.
G 2497.—Similar pattern, machine made, 4/- pair.

KNOCKERS.



G 2492.
Polished brass, 7½ × 2½ in. ... 5/6 ea.
G 2493.—Ditto, 7 × 2¼ in. ... 4/6 ea.



G 2501.
Polished brass, 7¾ × 4¾ in. 5/9 each.



G 2502.
Polished copper, 8¾ × 2½ in. 9/6 each.
Polished Brass, 7/9 each.

Illustrations are about one sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

ENTRANCE DOOR FURNITURE.

Suite G 2200.











G 2200.
Enamelled Iron.

Centre knob	1/1 each.
Postal handle and knocker combined ...	1/4 ,,
Bell pull ...	10d. ,,
Knocker ...	1/2 ,,
Letter plate	10d. ,,

Suite G 2506.









G 2506.
Enamelled Iron

Centre knob	11d. each.
Postal handle	1/8 ,,
Knocker ...	1/- ,,
Letter plate	9d. ,,

Suite G 642.









G 642.

	Enamelled Iron. Each.	Steel Bronzed, Brass. Each.
Centre knob	11d.	5/6
Electric push	—	2/6
Bell pull...	10½d.	4/9
Knocker ...	11d.	5/8
Letter plate	9d.	3/-

Suite G 2507.









G 2507.
Polished Brass.

Centre knob ...	6/3 each.
Postal handle ...	12/- ,,
Electric push ...	6/3 ,,
Knocker ...	8/3 ,,
Letter plate ...	5/6 ,,

Suite G 2508.









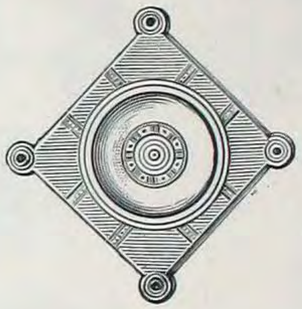
G 2508.
Polished Brass.

Centre knob	9/6 each.
Postal handle	12/- ,,
Electric push	6/6 ,,
Knocker ...	9/6 ,,
Letter plate	5/- ,,

Suite G 644.







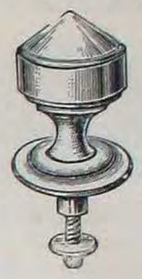


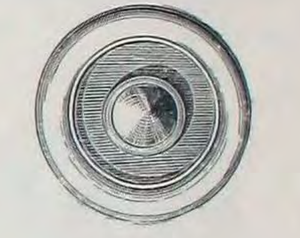


G 644. Steel Bronzed or Polished Brass.

Centre knob ...	4/3 each.			
Postal handle ...	4/6 ,,			
Electric push, 4 in.	4/9 ,,			
Bell pull—	4	5	6	inch.
	3/4	4/9	7/9	each.
Knocker	5/6 ,,			
Letter plate ...	2/6 ,,			

Suite G 2203.









G 2203. Steel Bronzed or Polished Brass.

Centre knob ...	7/6 each.			
Postal handle ...	6/3 ,,			
Electric push ...	4/- ,,			
Bell pull	6/- ,,			
Knocker	10/- ,,			
Letter plate	8	10	12	inch
	5/6	8/6	11/9	ea.

For Electric Pushes, see also page 58.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

CASEMENT STAYS, GATE HOOKS AND PULLEYS.



GATE HOOKS & EYES.

	1½	2	2½	3	4	5	6	8	inch.
G 648.—Japanned wire	4½d.	5½d.	6½d.	7d.	10d.	1/3	1/4	1/9	doz.
G 648B.—Brass	,,	—	1/4	1/8	2/4	3/8	5/4	6/9	— ,,



CASEMENT HOOKS & EYES.

	6	8	10	12	inch.
G 649.—Japanned wrought iron ...	2/9	3/6	4/-	4/6	doz.



CABIN HOOKS.

	1½	2	2½	3	3½	4	5	6	8	10	12	inch.
G 650.—Brass ...	5/3	6/8	8/6	9/6	10/3	11/-	12/6	13/9	18/3	23/-	28/-	doz.
G 650.—Malleable iron	2/2	2/6	2/10	3/3	3/6	4/-	4/6	5/-	—	—	—	,,

CASEMENT STAYS.



G 2511.—Brass, with reeded knob.

10	12	15	inch.
18/6	21/9	27/6	dozen.



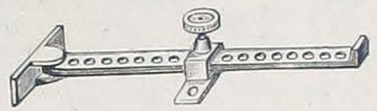
G 652.—Malleable iron.

8	10	12	15	18	inch.
6/9	8/-	8/9	11/3	16/-	dozen.



G 2515.—Wrought iron.

10	12	inch.
3/4	3/9	dozen.



G 654.

	10	inch.
Bronzed iron ...	9/-	dozen.
Brass	20/-	,,

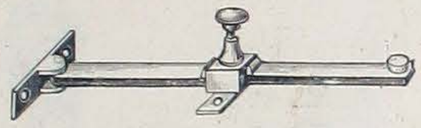


G 655.

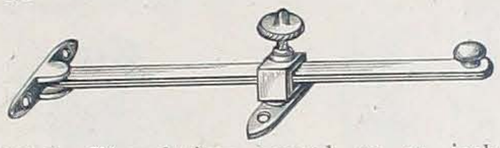
	9	12	inch.
Bronzed iron	10/6	12/-	dozen.



	10	12 inch.
G 2516.—Brass ...	—	40/6 dozen.
G 6918.—Malleable Iron	9/-	10/- ,,



	10	12	inch.
G 657.—Wrought iron, covered with brass	25/6	28/-	dozen.
G 2512.—Light ditto ...	15/6	18/6	,,
G 2514.—Berlin Black iron	13/6	16/-	,,
G 6919.—Lighter, Green, Bronzed	11/3	—	,,



G 658.—Wrought iron, covered with brass ... ... 10 12 inch. — 43/6 dozen.
G 2513.—Lighter ... .. 30/- 32/6 ,,



G 659.—Malleable iron ... ... 15 18 24 30 inch. 12/- 13/6 17/- 22/6 dozen.

QUADRANT STAYS.



G 660. 6 inch.
Brass ... ... 2/6 pair.



G 661. 7 10 inch.
Brass ... ... 2/3 3/- pair.
Malleable iron ... 9½d. 1/1 ,,
Wrought ,, straight, 5 to 7 in. 5d. ,,
8 to 10 in. 5½d. ,,

PULLEY SHEAVES.



	¾	⅞	1	1¼	1½	1¾	2 in.
G 664. Brass	1/6	1/9	2/6	3/3	3/9	—	— doz.
Iron	9d.	9d.	9d.	10d.	1/1	1/5	1/8 ,,

UPRIGHT PULLEYS.



G 668.	⅝	¾	⅞	1⅛ in.
Brass	4/9	6/8	8/3	11/- doz

	1	1¼	1½	1¾	2 in.
Iron	1/10	2/1	2/6	3/2	3/9 doz.
Malleable iron brass sheaves	6/6	7/3	9/-	11/3	13/- ,,
Double do. iron	3/9	4/6	5/-	6/3	7/6 ,,

LAZY PULLEYS.



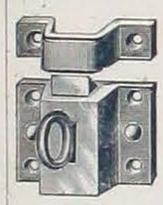
G 669.	⅞	1	1¼ inch.
Brass... ...	1/1	1/3	1/7 each.
Malleable iron, brass sheaves	—	9d.	1/- ,,

SPECTACLE PULLEYS.



G 670.

Brass, 2/6 each.



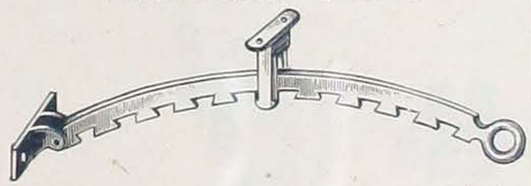
FANLIGHT CATCHES.



G 2517. G 2518.

G 2517.—Patent machine made, brass ... ... 1¾ in. 10/- doz.
G 2518.—Cast brass, 2½in. 19/- ,,

FANLIGHT STAYS.



G 662.

	12	14	16 inch.
Malleable iron ...	12/-	12/9	15/- dozen.

Suitable for a window that opens outwards at the top. Made also, at same price, for window that opens outwards at the bottom.



SIDE PULLEYS.

G 667.	½	¾	1	1¼	1½ inch.
Brass, single	4/-	5/6	9/-	10/9	15/6 dozen.
,, double	6/-	8/6	13/6	—	— ,,

	1	1¼	1½	1¾	2 inch.
Iron... ...	1/10	2/1	2/6	3/2	3/9 dozen.
Malleable iron, brass sheaves	6/-	7/3	9/6	11/3	13/9 ,,
Double do. iron	4/3	5/-	6/3	7/6	,,

SCREW PULLEYS.



G 665.—	½	⅝	¾	⅞	1	1¼	1½	1¾	2 in.
Brass	3/9	4/6	5/-	5/8	6/3	9/-	12/6	—	— doz.
Iron	—	—	1/10	2/-	2/2	2/4	2/8	3/2	3/9 ,,
Malleable iron, brass sheaves	—	—	—	—	5/3	6/10	8/6	9/6	11/3 ,,
Double do. brass ...	6/8	—	8/6	9/9	11/-	13/9	18/9	—	— ,,
Do. iron ...	—	—	—	—	5/-	5/8	6/3	7/6	8/9 ,,

GUARDED SCREW PULLEYS.



G 666.

	½	¾	⅞ in.
Brass—	5/8	7/-	8/3 dz.

	1	1¼	1½ in.
	9/6	13/-	20/- dz.

Iron—	1	1¼	1½	1¾	2 in.
	2/10	3/6	4/-	4/8	5/8 dz.

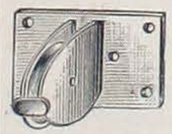
QUADRANTS.



G 663.

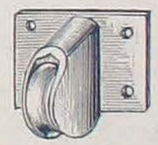
	10	12	14	16 inch.
Iron ...	4½d.	4½d.	4½d.	4½d. each.

HOT HOUSE PULLEYS, BRASS SHEAVES.



G 671.	1½	1¾	2	2¼ inch.
Wrought iron frames ...	12/-	12/6	13/9	17/6 dozen.
Double do.	—	—	—	30/- ,,

G 672.	1½	1¾	2	2¼ inch.
Cast iron frames	8/9	10/-	12/-	15/- dozen.
Double do	—	—	—	22/6 ,,



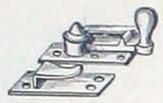
Sizes given for Pulleys are in all cases the diameter of wheels. Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

SASH AND CASEMENT FASTENERS, SASH LIFTS, &c.

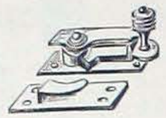
SASH FASTENERS.



G 674.
Bronzed iron, with china or brass knob, 2¾ in., 3/10 dozen.
G 674A.—All brass, 2½ in., 5/6 dozen.



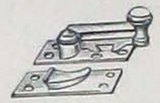
Brass, with china or brass knob,
G 675.—2½ in., light, 6/6 dz.
G 676.—2¾ ,, ,, 7/9 ,,
*G 677.—2¾ ,,medium 10/- ,,
G 678.—3 ,, strong 14/- ,,
* Reeded knob, guarded lever.



G 2520.
Brass with china or brass knob and guarded lever, 2¾ in., 9/- dozen.
G 2212.—Stamped brass, ditto ditto, ditto,
2½ 2¾ 3 inch.
7/- 8/- 9/3 dozen.



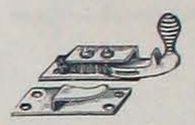
G 681.
Brass, with brass or china knob.
2¾ inch, 11/6 dozen.
China knob, with two gold lines, 12/- dozen.



G 682.
Brass, with brass knob, 3 inch, 15/- dozen.
Ditto, china knob, 16/- doz.
G 2521.—Dead-dipped, brass knob, 3 in. 10/6 doz.
china ,, 12/6 ,,
G 682A.—Brass or china knob, lighter, 2½ in. 6/6 doz.



G 2522.
Brass, with plain brass knob.
2¾ in., 15/9; 3 in., 23/9 doz.



3 in.
G 683.—Brass, with reeded brass knob } 20/- doz.
G 684.—China knob 20/6 ,,
G 685.—China knob, with two gold lines } 22/6 ,,
G 686.—Oak or ebony knob ... } 22/6 ,,

CASEMENT FASTENERS.



G 687.—Brass, with mortice plates.
Necked ... 6/4 doz.
Straight ... 5/8 ,,



G 688.—Brass, with mortice plates, straight, 4/4 doz
G 688A.—Do., stronger, straight, 7/- doz.
G 688A.—Do., necked, 8/- ,,
G 2523.—Malleable iron, necked ... ... 3/3 doz.
Straight iron, with half staple ... ... 3/3 doz.



G 689.
Light, brass, 7/6 dozen.
G 690.—Strong, Malleable iron, 7/- dozen.



G 691.
Brass,
15/6 per dozen.



G 692.—Brass, straight or necked, 3/6 dozen.
G 693.—Iron, straight or necked, 3/- dozen.



G 2526.
Brass, 40/- dozen.



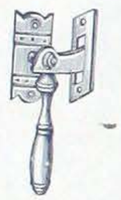
G 2525.
Brass, 32/6 dozen.



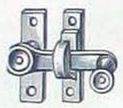
G 2527.
Brass, 41/3 dozen.



Reversible.
G 694.—Brass, 9/9 doz.
G 695.—Malleable iron 5/3 dozen.



G 696.
Brass,
19/9 doz.



G 698.
Brass, 14/6 dozen.
G 699.
Iron, lighter, 6/9 doz.



G 700.—Brass, small, 13/3 dozen.
G 701.—Brass, medium, 18/3 dozen.
G 702.—Brass, large, 23/3 dozen.



Hinged, reversible.
G 2214.—Brass 16/9 doz.
G 2215.—Iron 5/6 ,,
G 2216.—Plain Malleable iron, 7/- dozen.



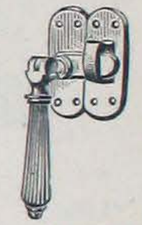
G 703A.
Reversible.
Brass,
15/6 dozen.
Iron, 3/9 doz.



G 704.
Malleable iron, straight, or necked, 5/- dozen.
G 705.
Brass, ditto, 12/6 dozen.



G 706.—Malleable iron, straight, with mortice plates, 6/- doz.
G 707.—Brass, ditto, 14/9 ,,
G 708.—Malleable iron, straight, with half staple, 7/- dozen.
G 709.—Brass, ditto, 16/9 dozen.



Hinged reversible.
G 2524.
Brass,
27/- dozen.

SASH LIFTS.



G 711.
Brass concave, 1½in. 1/3
1¾ in. 1/8, 2 in. 2/- doz.



G 2528.
Brass,
1¾ 2 2¼ in.
2/3 3/- 3/6 doz



G 714.
Brass,
3/8 dozen.



G 715.
Brass,
2 2¼ 2½ in.
6/6 7/9 8/10 dz



G 716.—Brass,
1⅝ in. ... 7/9 doz.
2 in. ...10/- ,,



G 717A.
Brass,
3/3 dozen.



G 718.
Brass,
3/4 dozen.



G 719.
Brass,
7/3 dozen.



G 720.—Brass, with catch, 6/- doz.
G 721.—Brass, without catch, 5/8 doz.



G 722.—Brass, with catch, 19/6 doz.
G 723.—Brass, without catch, 17/3 doz.



G 724.
Brass,
2 2½ in.
15/6 23/6 doz.



G 725.—Brass,
2½ 3 in.
5/9 7/3 doz.
G 726.—Iron,
2½ 3 in.
11½d. 1/2 doz.



G 730.—3 3½ 4 in.
Brass, 3/8 4/- 4/9 doz.
G 732.—Plain iron,
3½ in., 3/3 doz.



G 2529.
Brass ... 5/- doz.



G 734.
Brass ... 22/6 doz.

PANEL PLATES.



G 737.—1⅛ 1½ 2 2½ in.
Brass 2/4 3/- 7/3 8/9 doz.

SASH CENTRES.

G 738.— 2 2¼ 2½ 2⅝ in.
Brass 4/3 — 5/9 -- doz.
G 739.—
Iron — 9d. 10d. 1/9 ,,

STUBS AND PLATES.

G 735.
Brass, 1⅜ 2/3, 1¾ in., 3/8 doz.
G 736.— 2 2¼ 2½ in.
Iron, 1/2 1/3 1/8 doz.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

RAIL BRACKETS, SHUTTER SHOES AND BARS, &c.

LONG ARM HOOKS.



G 750. Brass, 7½d. each.

G 751. Brass, 10½d. each.
G 752. Similar, in malleable iron, 3½d. each.

G 753. Polished or bronzed brass, 2/- each.

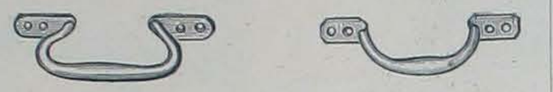
SASH EYES.



G 754. Brass, 3/6 doz.
G 755. Iron, 1/4 doz.

G 756. Brass, 2/3 doz.

SASH HANDLES.



G 757. Size over all, 5¼ in., Brass, 6/6 doz.

G 758. Malleable iron, 5¼ in., 2/11 doz.

G 759. Size over all,
4½ 5½ in.
Brass, 3/9 4/6 doz.
G 2533.—Machine made, Brass, Size over all, 5⅛ in. 2/6 doz.

SASH STOPS.



G 760. Brass, 2/4 doz.
G 761. Iron, 10d. doz.

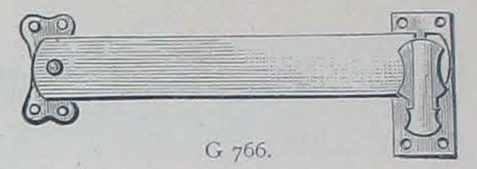
G 762. Brass, 5/9 doz.

SASH WEDGES.



G 763.—Brass, 2/8 doz.
G 2536.—Wood, 3 in. long, 1/2 doz.

IRON SHUTTER BARS.



G 766.

8 to 10	12	14	16	18	20 inch.
7d.	7½d.	8d.	8½d.	9d.	9½d. each.
22	24	26	28	30	32	34	36 inch.
10d.	10½d.	11d.	11½d.	1/-	1/1	1/2	1/3 each.

SHUTTER FASTENING.



G 2534.—Japanned malleable iron, 6 in., 4/3 doz.
G 7025.—Wrought iron, 6 in., 2/6 doz.

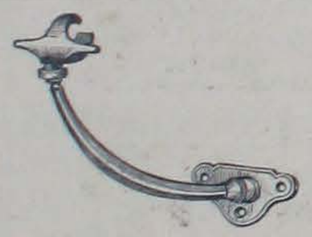
SHUTTER SCREWS.



G 2532. Brass	2 2/2	2½ 2/3	3 2/4	3½ —	4 —	5 —	6 —	8 × 5/16 in. — doz.
G 767. Polished brass	5/8	6/-	6/3	6/8	7/-	—	—	× 6/16 in. — doz.
G 768 Brass,	—	—	8/9	9/-	9/3	9/9	10/-	× ⅜ in. 10/9 dz.
G 769. Malleable iron.	3/-	3/3	3/6	3/9	4/-	—	—	× ⅜ in. — doz.



To project 2½ 3 in.
G 775.—Malleable iron, 5/6 6/6 doz.
G 776.—Brass, 18/6 20/- ,,
G 2537.—Malleable iron to drive, 8/- 8/9 ,,



G 780.—Brass, to project 7 in. for 1 in. tube, 2/3 each.

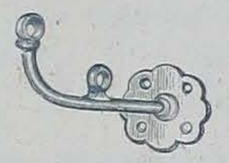
TOWEL RAIL BRACKETS.



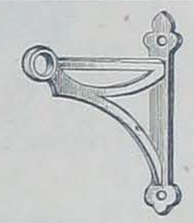
G 770.—Brass, to project 3 in. for ⅛ ⅝ ¾ in. tube. 7½d. 9d. 10d. each.
G 771.—Malleable iron, to project 2 in. for ¾ in. tube, 3d. each.



G 2535.—Brass, to project 2¾ 3 3½ in. for ½ ⅝ ¾ in. tube. 6d. 7½d. 9d. each.



G 772.—Brass, to project 4¾ in. for ⅜ in. tube, 2/- each.
G 773.—Single brass, to project 3¾ in. for ⅜ in. tube, 1/6 each.

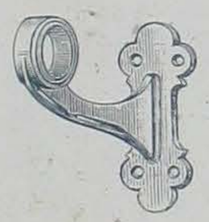


G 774. Brass, to project 4 in. for ½ in. tube, 11d. each.

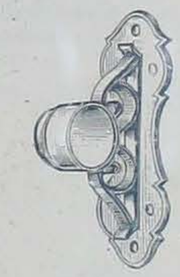
HAND RAIL BRACKETS.



G 777. Brass, to project 3½ in. for 1¼ in. tube, 9/9 each.

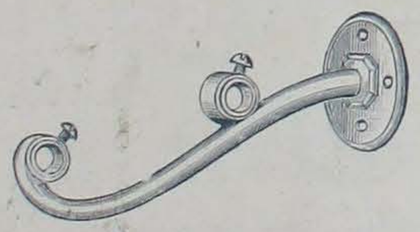


G 778. Brass, to project 4¼ in. for 1¼ in. tube, 5/6 each.

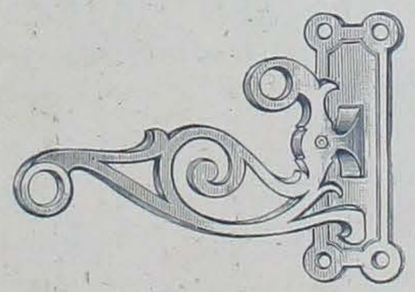


G 779. Bronzed brass, to project 3 in. for 1⅝ in. tube, 3/8 each.

HAT RAIL BRACKETS.



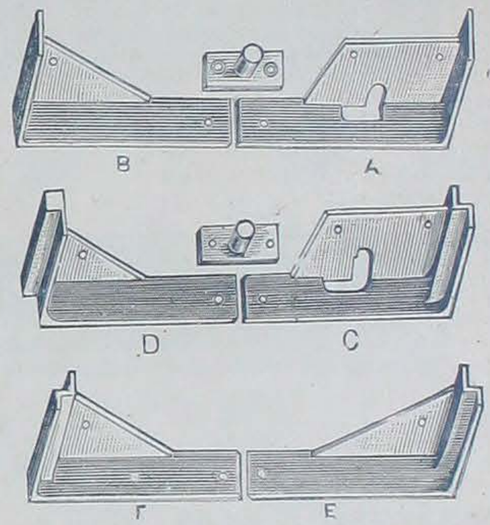
G 781. Brass, to project 10¼ in. for ¾ in. tube, 10/6 each.



G 782.—Brass, to project 10 in. for ⅞ in. tube, 9/6 each.
G 783.—Similar, Brass, to project 8¼ in. for ⅞ in tube, 2/9 ea.
G 784.—Malleable iron, to project 10 in. for ⅞ in. tube, 2/8 ea.

SHOP SHUTTER SHOES AND FASTENERS.

(Best Malleable Iron, with Brass Pivots.)



G 785.—Kept in stock for 1⅛ in. wood, but may be had for 1 or 1¼ in. wood at a proportionate price.

A	B	C	D	E	F	Pivots.
9d.	7½d.	9d.	7½d.	7½d.	7½d.	3½d. each.

The Illustrations show the Shoes required for a window where the Shutters are put up beginning at the RIGHT hand looking from the street. For the first, or right-hand shutter, use the Shoes **A** and **D**, with a Brass Pivot for the second and all intermediate Shutters use **C** and **D**; and for the last Shutter use **E** and **B**.

If the Shutters are put up from LEFT to right, use the same kind of Shoes the reverse hand.

Where the Shutters are put up partly from the *right* and partly from the *left* hand, finishing in the middle, use the Shoes as above described, *right* and *left*, and for the middle or last Shutter use **E** and **F**, and in that case the shoe **B** will not be required. In every instance a Brass Pivot is required for all the Shutters except the last, which is fastened with a Bolt and Nut.

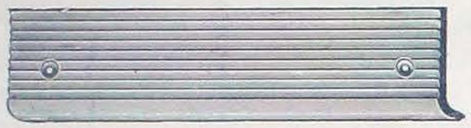
When sent out, the packages of Shoes are marked as follows:—Shoes **A** and **B**, in one package, marked "*Plain Right*," or "*Plain Left*;" **C** and **D** are marked "*Right Rebated*" and "*Left Rebated*;" and **E** and **F** are marked "*Lasts*."

G 786.—1 or 1⅛ in. Ordinary Wrought Shutter Shoes Plain, 2/3 doz.; Rebated, 3/3 doz.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

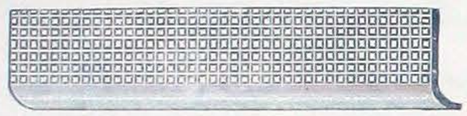
STAIR AND STEP TREADS, LETTERS AND FIGURES.

STAIR TREADS



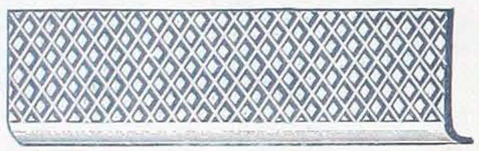
G 6920.—Hard rolled fluted brass.

	2¼			2⅝ inches wide.
	2/2			2/8 per foot.
Flat do.,	1½	2	2¼	2½ 3 inches wide.
	1/5	1/9	1/11	2/1 2/10 per foot.



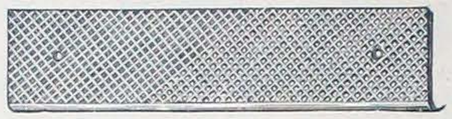
G 2538.—Brass, machine made.

	1½	2	2½	inches wide.
12 W. G. ...	2/2	2/8	3/-	per foot.
14 W. G. ...	1/9	2/1	2/5	,,



G 2539.- Zinc.

2	2½	3	3½	4	4½	5½	inches wide.
1/3	1/6	1/8	1/10	2/1	2/3	2/5	per foot.



G 800.—Cast iron chequered.

2	3	4	6	inches wide.
10d.	1/-	1/3	1/7	per foot.

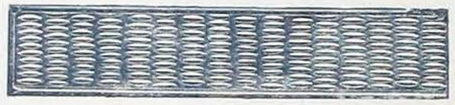
Single treads and lengths over 3 feet charged at a higher rate.



G 2540.—Wrought iron.

1½ inch wide ... ... 7d. per foot.

In original lengths of about 12 feet each, cutting and drilling 2d. per foot extra.



G 2541.—Wrought iron.

1⅜	2⅛ inches wide.
3¾d.	5½d. per foot.

In original engths of about 12 feet each, cutting and drilling 2d. per foot extra.

POLISHED BRASS STALL BOARD PLATES, FOR SHOP FRONTS.



G 797.



G 798.



G 799.

Quotations on receipt of sizes.

COPPER ENAMELLED LETTERS AND FIGURES.

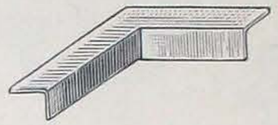
G 816.—To fix by cement to glass and other materials. Above 9 inch can be made with ears for screws.

1 inch Block	...	...	2d. per letter.	4 inch Roman	...	...	9d. per letter.
1½ ,, Do.	...	...	3d. ,, ,,	4 ,, Bold Block	...	...	7½d. ,, ,,
1½ ,, Ornamental	...	...	3½d. ,, ,,	5 ,, Do. do.	..	...	10d. ,, ,,
2 ,, Bold Block	...	...	3½d. ,, ,,	6 ,, Do. do.	...	..	1/2 ,, ,,
2½ ,, Ornamental	..	...	5d. ,, ,,	6 ,, Roman	...	...	1/6 ,, ,,
2½ ,, Bold Block	...	..	4½d. ,, ,,	8 ,, Bold Block	...	...	2/3 ,, ,,
3 ,, Do. do.	...	..	5½d. ,, ,,	8 ,, Roman	...	...	2/8 ,, ,,
3 ,, Roman	...	...	7d. ,, ,,	10 ,, Bold Block	...	...	5/6 ,, ,,
3½ ,, Do.	...	...	8d. ,, ,,	12 ,, Do. do.	..	...	7/6 ,, ,,

Any other size, shape, or style made to order at proportionate prices.

Above prices are for enamelled white. Can also be made in other colours, or gilt, silvered, or burnished. Prices of these on receipt of requirements.

POLISHED BRASS MATWELL FRAMES.

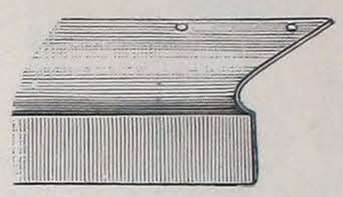


G 803.

Straight lengths, 1⅝ in. wide by 1 in. deep, 1/10 per foot.

Mitred Cut Corners (not braized), 10d. per corner.

STRONG POLISHED BRASS STEP-PLATES AND RISERS.



G 804.

Step-plate, measuring round nosing,

5	6	7	8	9 inches wide.
3/6	4/3	4/6	5/3	5/10 per foot.

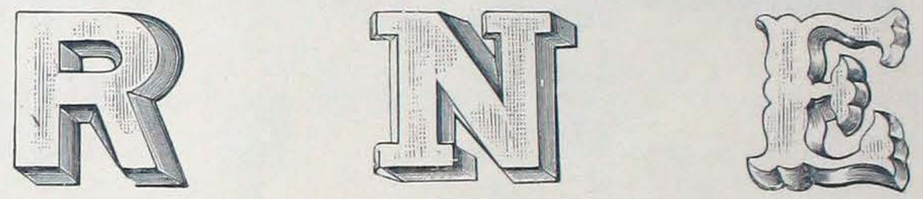
6 inch riser for do., 3/- per foot.

POLISHED BRASS STRIP FOR OILCLOTH.

G 2542.—Bevelled Edge— 1½ 2 2½ inch × 17 gauge.
1/1 1/6 1/10 per foot.

PORCELAIN LETTERS FOR SHOP FRONTS.

GRECIAN SHAPE. EGYPTIAN SHAPE. IMPERIAL SHAPE.



	In Grecian only.		In Imperial, Grecian or Egyptian.				In Egyptian only.
	2	3	4	6	8	10	12 inches.
G 805.—White marble	6d.	9d.	1/-	1/9	2/3	3/9	6/- each.
G 806.— ,, ,, and gold veins...	1/2	1/6	1/10	3/4	4/6	6/9	9/9 ,,
G 807.—Mazarine blue ,, ,, ...	1/6	1/10	2/3	3/9	5/3	8/3	10/6 ,,
G 808. - White and burnished gold bevel	3/9	4/2	4/6	6/9	9/-	14/3	18/9 ,,
G 809.—Mazarine blue and burnished gold bevel	—	4/6	4/10	7/6	9/9	15/9	22/6 ,,

Stops, one-sixth the price of Letters.

IMPROVED THIN PORCELAIN LETTERS, FOR ATTACHING TO GLASS.

	1½	2	2½	3	4 inches.
G 810.—Plain white	2d.	2½d.	3d.	4d.	5½d. each.
Stops	1d.	1d.	1d.	1½d.	1½d. ,,

17 OVAL PORCELAIN NUMBER PLATES, FOR STREET DOORS, &c.

	1½ × 1¼	2 × 1½	2½ × 2	3 × 2¼ inches.
G 812.—White with black figures ...	3½d.	4d.	4½d.	5d. each.
G 813.—Black with gold figures ...	1/2	1/3	1/4	1/6 ,,

Every description of Number and Name Plates made to order.

Illustrations are about one-sixth full size. Further details and special prices for large quantities will be sent on receipt of requirements.

Venetian Blind Web, Blind Cord, and Sundry Brass Work.

BRASS SPRING CATCHES.



G 835. China knob, $1\frac{1}{4} \times 1\frac{1}{8}$ in. 13/6 doz.

G 836. Polished brass, with ebony knob ... $1\frac{1}{4} \times \frac{7}{8}$ in. 13/3 doz.

G 838.—All brass 8/9 ,,

G 839. $2\frac{1}{4} \times \frac{3}{4}$ in. 14/9 doz.

G 2220, Stamped, 9/- doz.

CUPBOARD CATCHES.



G 2544. Bronzed iron, $2\frac{1}{4} \times 1$ in. 3/- doz.

G 2545. Bronzed iron, $2 \times 1\frac{1}{4}$ in., 7/- doz.

FLUSH RINGS.



G 832.—Brass.

$1\frac{5}{8} \times 1\frac{5}{8}$ $1\frac{3}{4} \times 1\frac{3}{4}$ $1\frac{7}{8} \times 1\frac{3}{8}$ $2 \times 1\frac{5}{8}$ in.
6/3 7/6 9/- 10/3 doz.

G 833.—Iron.

$3 \times 2\frac{1}{4}$ $3\frac{1}{4} \times 2\frac{1}{2}$ $3\frac{5}{8} \times 2\frac{7}{8}$ $4\frac{1}{4} \times 3\frac{1}{2}$ in.
2/6 2/10 3/3 4/9 doz.

BRASS FLUSH RING CATCHES.



G 834.

$2 \times 1\frac{1}{4}$ inch, 14/- dozen.
$2\frac{1}{4} \times 1\frac{1}{2}$,, 16/6 ,,
$2\frac{3}{8} \times 1\frac{3}{4}$,, 18/9 ,,
$2\frac{3}{8} \times 2$,, 20/3 ,,

Brass Venetian Blind Hooks.



G 840.—Light, $\frac{3}{4}$ in., 11/3 gross.
G 841.—Strong, $\frac{7}{8}$ in., 17/- gross,
G 842.—Strong, 1 in., 20/6 gross.

CUPBOARD CATCHES.



G 830. Iron, 3/6 dozen,
G 831. Brass, 8/3 dozen.

BRASS SASH EYES.



G 856.

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	inch diameter outside eye.
1/8	2/3	3/-	4/6	5/6	dozen.

SCREW EYES.



No.	1	2	3	4	6	8	10	12	14	16	18	inch diam.
	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{16}$	1	$1\frac{1}{8}$	outside eye.
G 2221, Brass	1/-	1/2	1/6	2/-	3/6	5/9	8/3	13/3	19/-	24/-	32/-	per gross.
G 2222, Brig'tiron	5d.	$5\frac{1}{2}$d.	$6\frac{1}{2}$d.	8d.	1/-	—	—	—	—	—	—	,,
G 2223, Japan'd or Galvanized iron	—	—	—	—	1/3	1/6	2/3	3/-	4/3	6/-	7/6	,,

LASHING EYES.



	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in. diameter outside eye.
G 857, Brass	1/10	2/6	3/-	4/9	6/9	9/3	16/3 dozen.
G 858, Iron	—	—	—	1/3	1/10	2/6	3/3 ,,

BRASS BINNACLE RINGS.



G 859, To screw,

$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	in. dia. outside ring.
13/6	16/3	19/-	dozen.

G 860, On plate, 1" in. dia. outside ring. 11/3 dozen.

G 861, On plate, strong, $1\frac{7}{8}$ in. diameter outside ring, 14/- doz.

BRASS CEILING HOOKS.



G 862

$3\frac{1}{2}$	4	in. length over all.
2/-	2/4	dozen.

5	6	8	$10\frac{1}{2}$	in. length over all.
$8\frac{1}{2}$d.	1/2	1/4	1/5	each.

G 863, Brass roses for ditto.

$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	5	6 inch.
7d.	8d.	10d.	1/3	2/4	3/9	5/3	13/-	18/6 dz.

Brass Screw Hooks.



G 864, Light	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
	3/6	4/-	5/3	6/-	7/6	8/- gr.

G 865, Strong 6/3 7/6 8/9 10/3 11/6 15/6 ,,

G2546, Brassed iron 2/8 3/- 4/- 4/3 5/8 6/ ,,

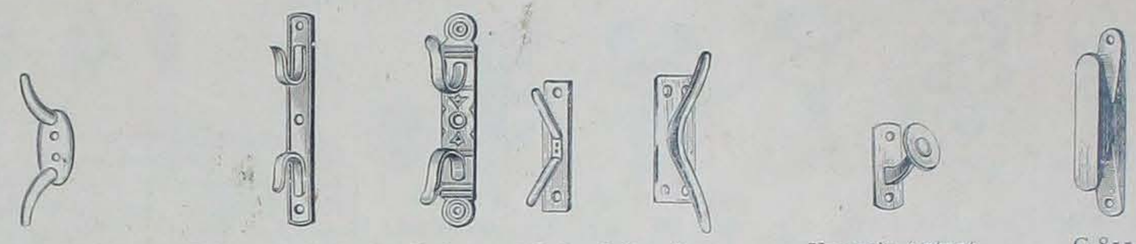
BRASS CUP HOOKS.



G 2224, Light	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
	3/9	5/-	6/-	7/9	8/6	10/- gr.

G 866, Strong 6/8 7/9 9/6 11/6 13/9 19/6 ,,

DOUBLE LINE HOOKS, AND CLEAT HOOKS.



G 843, Malleable iron 3 $3\frac{1}{2}$ 4 $4\frac{1}{2}$ in.
— — 1/7 — doz.

G 844, Brass, 3/4 4/- 5/- 7/3 ,,

G 845, Malleable iron 5 6 inch.
3/3 4/- doz.

G 846, Brass, 7/3 7/9 ,,

G 847. Brass, 6 inch, 11/3 doz.

G 848, Brass, $3\frac{1}{2}$ inch, 2/4 doz.

G 849, Iron, 4 5 6 inch. 2/4 2/10 4/- dz.
G 850, Brass, 7/6 8/6 12/- doz.

G 851, Brass,

Young's patent.

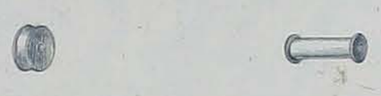
Length of plate	$1\frac{3}{4}$	$1\frac{7}{8}$	$2\frac{1}{8}$	in.
	1/2	1/8	2/6	dz.

G 855. Paget's patent Brass.

$2\frac{1}{2}$	$3\frac{1}{4}$	4	inch.
5/9	9/6	14/6	dz.

5 in., 21/- ,,

VENET AN BLIND WHEELS AND ROLLERS.



G 867.—Boxwood, bushed.

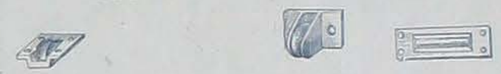
$\frac{3}{4}$ to 1	$1\frac{1}{8}$	$1\frac{1}{4}$ inch.
4/-	4/9	5/6 gross.

G 868.—Lignum vitæ, not bushed. 1 inch. 2/6 gross.

G 869.—Boxwood, not bushed. $1\frac{3}{4}$ inch. 3/6 gross.

G 871.—Boxwood, bushed. $1\frac{3}{4}$ inch. 8/6 gross.

BRASS VENETIAN PULLEYS AND ROLLERS.



G 872.

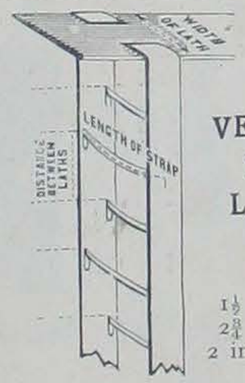
	Single.	Double.
Size of plate	1 × $\frac{7}{8}$	$1\frac{1}{4} \times \frac{7}{8}$
	2/6	4/- doz.

G 874A. Single, 4/6 doz. Double, 8/- doz. Treble, 11/- doz.

G 875. For web, $1\frac{1}{4}$ $1\frac{1}{2}$ in. 4/6 5/8 doz.

G 873.

	Single.	Double.	Treble.
Size of plate	$1\frac{1}{4} \times 1\frac{1}{8}$	$1\frac{3}{4} \times 1\frac{1}{8}$	$2\frac{1}{4} \times 1\frac{1}{8}$ in.
	5/4	8/6	11/6 doz.



VENETIAN BLIND LADDER WEB.

G 883. $1\frac{1}{2}$ inch wide, $2\frac{3}{4}$ inch strap, 2 inch distance.

Brown	...	36/- gross.
White or duck	...	38/3 ,,
Buff or green	..	47/6 ,,

KNOT OR TASSEL HOLDERS.



G 886.	888.	889	
G 886.—Brass	...		10/6 gross.
G 888.— ,,	...		9/9 ,,
G 889.— ,,	...		10/6 ,,

VENETIAN BLIND ACTIONS.



G 876. Hatton's Patent,

2	3 cord.
9/-	13/6 dozen.

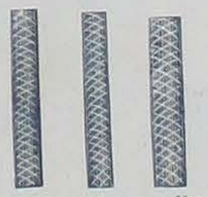
G 2226. Beaumont's patent.

2	3 cord
2/3	3/- dozen.

G 880. Everard's patent

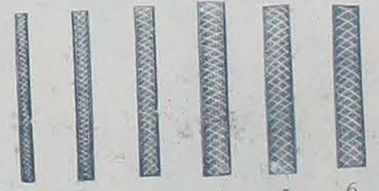
2	3 cord.
12/9	16/- dozen.

BEST THREAD BLIND CORD.



G 884,	2	$2\frac{1}{2}$	3 lbs.
			gross.
White or green,	5/3	6/3	7/6 yds.
Brown	4/9	5/9	6/6 ,,

BEST GLACIE BLIND CORD.



G885, No.	1	2	3	4	5	6	8	10	
White, green, crimson, buff, or drab,	3/4	3/8	4/9	6/6	8/-	9/3	12/3	16/6	gross yards.
G885A ,, 2nd qlty.	2/7	2/11	3/5	4/8	5/6	6/4			gross yards.

Illustrations are about one-sixth full size, except Blind Cord, which is full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

DRAWER KNOBS, BUTTONS, AND BLIND FURNITURE.

DRAWER KNOBS.



G 890 to 899. G 900. G 901. G 902. G 904.

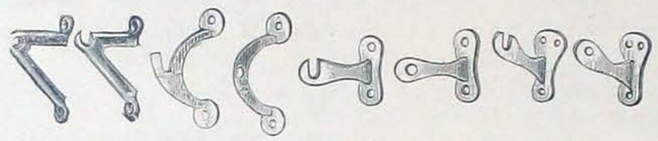
	1	1¼	1½	1¾	2	2¼ inch.
G 890.—White china, iron screw	1/5	1/7	1/9	2/3	2/5	2/11 doz.
G 892.—Do. Dixon's wood screw	—	—	1/11	2/4	2/6	3/- ,,
G 2548.—Black do. do.	—	—	2/2	2/6	2/9	3/3 ,,
G 893.—Japanned black wood, wood pin... ...	6½d.	7d.	8d.	8½d.	9d	10d. ,,
G 2549.—Do. Dixon's wood screw	—	—	10d.	11d.	1/-	1/1 ,,
G 895.—Imitation mahogany, wood pin... ...	11d.	1/-	1/1	1/2	1/3	1/4 ,,
G 2550.—Do. Dixon's wood screw	—	—	1/1	1/2	1/3	1/4 ,,
G 897.—Mahogany do. do.	—	—	1/5	1/7	1/8	1/10 ,,
G 898.—Birch do. do.	—	—	1/1	1/2	1/3	1/4 ,,
G 899.—Oak do. do.	—	—	1/5	1/7	1/8	1/10 ,,
G 900.—Mahogany do. do.	—	—	1/8	—	2/-	2/2 ,,
G 901.—Do. pearl centre, Dixon's wood screw	—	—	1/10	—	2/3	2/6 ,,
G 902.—Zebra wood do. do.	—	—	2/4	—	2/10	3/- ,,
G 903.—Do. pearl centre, Dixon's wood screw	—	—	—	—	—	3/3 ,,
G 904.—Crystal glass ...	1/6	1/8	1/10	2/-	2/6	3/- ,,

ROLLER BLIND ENDS.



	1¾	2	2¼ inch.
G 905.—Brass, with brackets ...	4/-	—	— dozen.
Do. do. without brackets ...	3/2	—	— ,,
G 906.—Strong brass, with brackets	4/8	6/4	— ,,
Do. do. without brackets	3/10	5/4	— ,,
G 907.— do. with brass pins, with brackets	6/-	9/-	11/6 ,,
Do. do. without brackets...	4/6	7/-	9/- ,,
G 908.—Extra strong do. with brackets	12/3	16/-	19/6 ,,
Do. do. without brackets	9/6	12/6	15/3 ,,
G 909.—Bronzed iron, with brackets, 1⅞ inch,			1/1 ,,
Do. do. without ,, ,,			1/- ,,

ROLLER BLIND BRACKETS.



G 2551. G 913—15. G 916. G 917.

G 2551.—Bronzed iron	9d. dozen pair.		
G 913.—Brass ... doz. pair	3/3	G 916.	G 917.
G 914.—Tinned, cast-iron ,,	1/3	Brass,	Brass,
G 915.—Japanned, malleable iron ... ,,	2/-	5/8 doz. pair.	4/6 doz. pair.

BUTTONS.

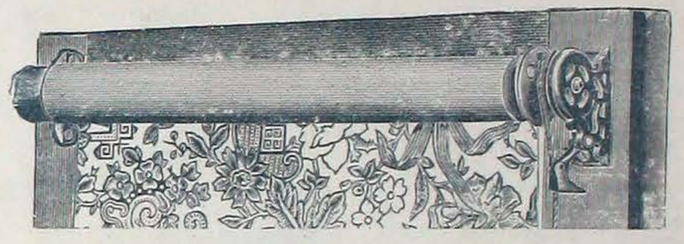


G 2552-3, G 932. G 2554. G 2555. G 933-4. G 935-6. G 937.

	1	1¼	1½	1¾	2	2¼	2½ in.
G 2552.—Light iron ...	—	—	2d.	2½d.	3d.	—	— doz.
G 2553.—Strong, iron ..	—	—	3d.	3½d.	4½d.	5½d.	7d. ,,
G 932.—Brass ...	5d.	8½d.	11½d.	1/3	1/4	1/10	— ,,
G 2554.—Iron ...	—	—	—	—	3d.	3½d.	4d. ,,
G 2555.—Do. ...	—	—	—	—	1/2	1/5	— ,,
G 933.—Do. ...	—	—	—	1/2	1/3	1/6	— ,,
G 934.—Brass ...	—	—	5/-	5/8	6/3	7/10	10/8 ,,
G 935.—Iron, with stop	—	—	—	—	1/9	2/2	2/6 ,,
G 936.—Brass ,	—	—	—	—	7/6	9/9	12/6 ,,
G 937.—Do. with half staple	—	—	—	—	9/9	—	— ,,

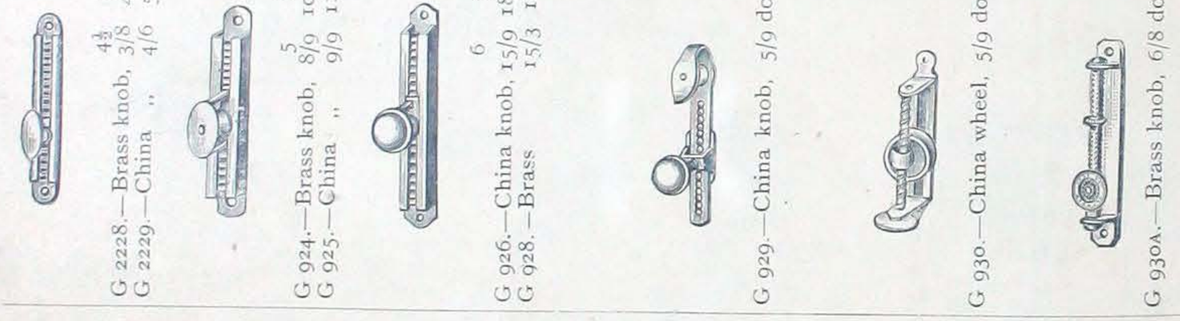
BLIND FURNITURE.

With 4 feet Wood Rollers and Laths complete.



G 2232.—Iron, 1 inch roller .. ... 7/2 dozen sets.

BRASS BLIND RACK PULLEYS.



G 2228.—Brass knob,	4½	5 inch.
G 2229.—China ,,	3/8	4/6 doz.
	4/6	5/6 ,,
G 924.—Brass knob,	5	6 inch.
G 925.—China ,,	8/9	10/9 doz.
	9/9	11/3 ,,
G 926.—China knob,	6	7 inch.
G 928.—Brass	15/9	18/6 doz.
	15/3	18/- ,,

G 929.—China knob, 5/9 doz. G 930.—China wheel, 5/9 doz. G 930A.—Brass knob, 6/8 doz.

SPRING BLIND FURNITURE.

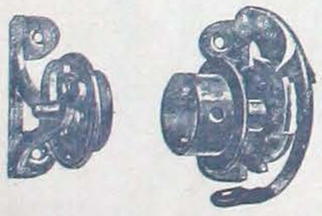
Wood Rollers and Laths complete.



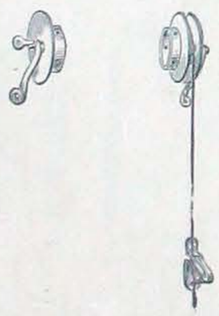
G 2235.

G 2235.—"Universal," with iron brackets—
48 × 1 in. roller 9/6 doz. sets.
48 × 1¼ in. ,, 12/- ,,
54 × 1¼ in. ,, 13/6 ,,
G 2234.—"Royal," with iron brackets, 48 × 1¼ in. roller, 40/- per dozen sets.
G 2556.—Hartshorn's Patent
42 × 1 in. roller 8/- doz. sets.
48 × 1¼ in. ,, 12/3 ,,
54 × 1¼ in. ,, 15/- ,,
60 × 1½ in. ,, 27/- ,,

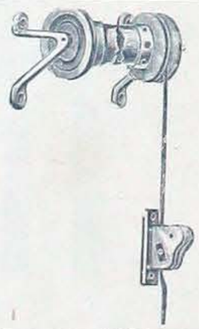
ROLLER BLIND MOUNTINGS.



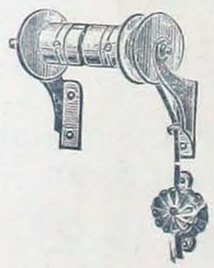
G 2559. Iron, for 1⅛ inch roller, 5/6 dozen sets.



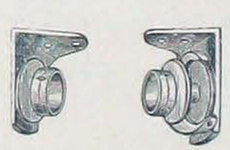
G 2231.—Brass, 1⅛ 1¼ in. roller. 13/9 14/- doz. sets, with cleats.



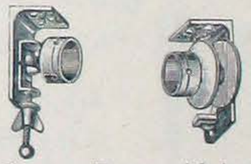
G 2557.—All brass. 1 1⅛ 1¼ 1½ 1¾ 2 in. roller, 24/- 25/6 29/- 39/- 53/- 84/- doz. sets. with cleats.



G 2558. All brass, for 1¼ inch rollers, 10/6 doz. sets.



G 949.—Brass with iron brackets } For 1¼ 1½ 1¾ in. rol. 2/5 3/- 4/- set.



G 951.—Brass, with iron brackets, For 1⅛ 1¼ 1⅜ in. roller. 2/- 2/2 2/3 set. For 1½ 1¾ in. roller. 2/4 4/- set.



G 952. Brass, with iron brackets } For 1¼ 1½ in. rol. 2/- — set.
G 953.—Do. Improved } 3/3 5/9 ,,
G 954.—Do. all brass } 4/9 6/9 ,,

WOOD ROLLERS AND LATHS ONLY.

G 2236.—48 in. long ... ... 1 in. 2/9; 1⅛ in. 3/6; 1¼ in. 4/- dozen.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS AND IRON HAT PINS, HAT AND COAT HOOKS.

HAT HOOKS.



	2	2½	3	3½	4 in.
G 960.—Brass	1/6	2/3	3/4	4/6	5/8 doz.
G 961.— ,, with china knob	2/10	3/8	4/3	—	— ,,
G 962.—Iron ...	11d.	1/-	1/1	1/2	1/5 ,,

HAT PINS.



	4	4½	5 in.
G 963.—Brass	4/6	5/-	5/6 doz.
G 964.—Cast-iron	9d.	10d.	11d. ,,
G 965. — Malleable iron	2/3	2/6	2/8 ,,

HAT HOOKS.



G. 966.
Brass, with china knob, 2½ inch, 6/3 dozen.



G 968.
Brass, with china knob, 5 inch, 6/6 dozen.



G 2564.
Brass.
2½ 4½ inch.
5/10 11/3 dozen.



G 2565.
6 inch.
Brass 16/- dozen.
Copper 21/- ,,

SAFETY HAT HOOKS.



G 970.—Brass, 6/- dozen.
G 971, Malleable iron, 2/2 dozen.



G 972.—Brass, 6/6 dozen.
G 973. Bronzed iron, 2/2 dozen.

WARDROBE HOOKS.



		1⅓	1⅝	2	2¼ in.
G 974–978.	G 974.—Brass ..	2/3	2/6	3/2	4/4 doz.
	G 975.— ,, ,, with china knob	--	—	—	4/- ,,
	G 976.—Cast-iron	—	—	4d.	5d. ,,
	G 977.—Malleable iron ...	10d.	—	1/1	1/4 ,,
	G 978.—Ditto Copper-bronze	1/1	—	1/4	1/8 ,,
	G 978A.—Dead lacquered brass, machine made ...	1½ in.,			8d. ,,
	G 978B.—Burnished brass, do.	1½ in.			1/8, 1¾ in. 2/1



G 2568.
2½ inch,
Brass, 10/- doz.
Copper, 13/- ,,



G 2569.
1½ inch,
Brass,
5/6 doz.



G 979.
Brass, 2 in., 4/3 doz.
G 979A.—Machine made brass, 1⅜ in., 1/3 doz.



G 981.
Brass, with china knob, 2½ inch, 3/6 doz.



G 983.
Brass,
For ¾ inch rail,
5/- dozen.



G 984.
Brass,
3½ inch,
5/- doz.

REVOLVING WARDROBE HOOKS.



G 985.—Brass, 2 inch, 9/- doz.
G 986.—Brass, 2⅞ inch, 13/3 doz.

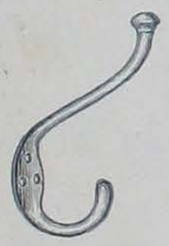


G 2570.—2-hook, Electro-gilt steel, machine-made, 2/- doz.
G 2571.—4-hook, 2/9 doz.

HAT AND COAT HOOKS.



McEvoy's Registered	5	6	7½ in.
G 2575.—Wrought-iron, brass figures ...	—	51/6	— gross
	—	4/7	— doz.
G 2576.—With attachable Number plate Painted Figures	—	41/6	— gross
	—	3/8	— doz.
G 998B.—Without Number plate ...	9/6	9/9	16/3 gross
	10d.	10½d.	1/6 doz.

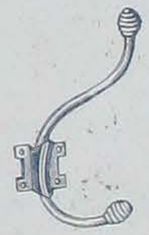


G 988A–991.

G 988A.—Common japanned iron, Size No.	0	1	2
	6	6½	7 in.
	11d.	1/1	1/3 doz.
	4¾	5¾	6¾ in.
G 989.—Brass ...	—	6/-	— doz.
G 990.—Malleable iron	2/2	3/-	3/6 ,,
G 991.—Malleable iron, copper bronzed ...	3/2	4/-	4/6 ,,



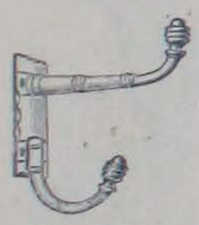
G 2240.
Bronzed iron,
5 inch,
10½d. doz.



G 992.—Brass, with reeded brass knob | 6 | 7¼ in.
| | 11/- | — doz.
G 993.—Brass, plain knob ... | 5/3 | 10/6 ,,



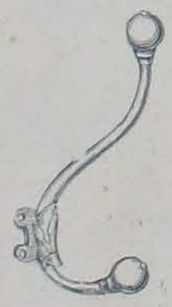
G 994.—Brass, 6¼ in., 23/6 doz.
G 2577.—Lighter, 10/6 doz.



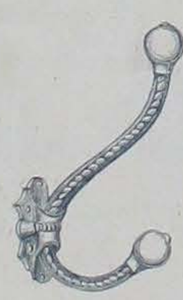
G 2578.
Brass,
4 inch,
14/- doz.



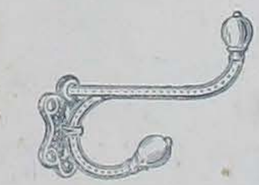
G 2241.—Brass.
5½ 6½ 7 in.
7/6 10/- 12/6 doz.



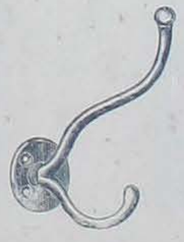
G 997.—Brass, with china knob | 6 | 6½ | 7½ in.
| | 5/8 | 7/3 | 10/6 doz.
G 998.—Fancy brass, with china knob | 5/9 | 7/6 | — ,,



G 999.—Brass, with china knob | 7½ | 8 in.
| 12/3 | 16/6 doz.



G 1001A.—Brass with china knob | 4 in.
| 13/6 doz.



G 2572.
Brass,
6½ inch,
14/- doz.



G 2573.
6½ inch,
Brass, 23/6 doz.
Copper, 35/6 ,,



G 2574.
6 inch.
Brass,
17/- doz.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

DESK RAIL, CASTORS AND SUNDRY BRASS FOUNDRY.

JAPANNED IRON SASH KNOBS.



G 2246.

¾	⅞	1	1⅛
4½d.	6½d.	7½d.	9d.
1¼	1⅜	1½ in.	
11½d.	1/5	1/6 doz.	

BRASS SHUTTER KNOBS.



G 2247.

1	1⅛	1¼
1/3	1/5	1/9
1⅜	1½ in.	
2/3	2/10 doz.	

GLASS SCREWS.



G 2248.
Mahogany or Birch.

1¼	1½ in.
4/-	4/6 doz. pair.

GLASS MOVEMENTS.



G 2249.—Brass.

2 × 1⅜	2⅜ × 1⅞
8/-	14/6
2½ × ½	
20/- doz. pair.	

CUPBOARD TURNS.



G 939.—Iron.

1¼	1½ in.
1/7	2/- doz.



G 941.—

	1¼	1½ inch.
Brass knob ...	2/8	3/6 doz.
White china do.	3/9	5/- ,,
Black do. do.	4/6	5/6 ,,

G 943.—Mahogany or Oak ... 5/6 6/- ,,
G 944.—Ebony 6/6 7/6 ,,



G 2130.
Nickel-plated, 22/6 doz.
G 2588.—Do., lighter, with tongue to mortice, 13/- doz.



(Improved with stop).

	Inch 1¼	1½
G 945.—Brass knob	4/-	5/4
G 946.—China do.	5/9	7/-
G 947.—Mahogany, Oak, or Ebony ...	11/6	—

per doz.

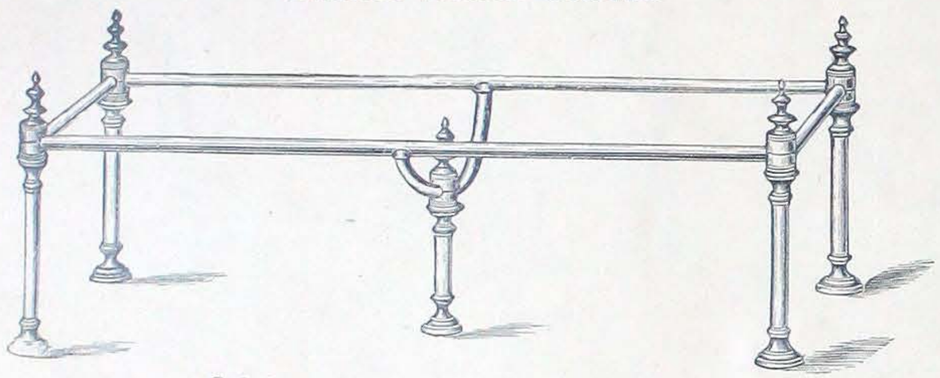
BRONZED IRON BALL BEARING CASTORS.



G 2581.

2½	3	4 in. bowls.
7/6	10/-	11/3 set.

BRASS DESK RAILS.



G 816.

	Pillars	¾	⅞	1 inch diameter.
Corner pillars up to 16 in. high	... ...	5/3	6/-	7/- each.
Centre ditto	... ...	7/9	8/10	10/- ,,
		¾	¾	⅞ inch.
Brass cased rail fitted for ditto	... ...	9d.	9d.	11d. per foot.

DRAWER PULLS.



G 910.
Brass, 2/- dozen.
Iron ... 2/2 ,,
G 2250.—Fancy Brass, 2/8 dozen.



G 911.
Brass, 5/- dozen.
Bronzed Iron, 1/3 dozen.



G 912.
Brass, 10/9 dozen.

DRAWER PULL AND CARD FRAME.



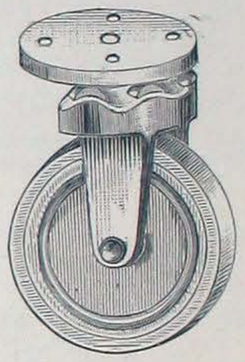
G 2580
Brass ... 6/- dozen.

LIFTING HANDLES.



	3⅝	4¼	4¾	5	5½	6 in. out to out.
G 918.—Brass	3/9	5/-	7/-	7/6	10/-	12/6 dozen.
		3¾	4	4⅜	4¾	5¼ in. out to out.
G 919.—Iron ..		1/9	1/11	2/3	2/9	3/2 dozen.

FOUR-WHEEL IRON BASKET CASTORS.



G 1035.
With india-rubber tyre, 6 in. bowl ... 75/- set.
One-wheel ditto, 2½ in. bowl ... .. 22/6 set.

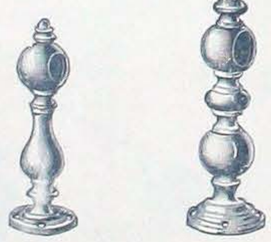
SINGLE PILLAR FOR CONTINUOUS RAILING.



	12	15 inch.
¾ inch	6/8	7/3 each.
⅞ ,,	8/3	8/10 ,,
1 ,,	10/6	11/- ,,

G2582.—Brass.

MANTEL RAIL BRACKETS OR COUNTER RAIL PILLARS.



G 2583.
Brass for ¾ in. tube, 1/5 each.

G 2584.
Brass for ⅞ in. tube, 1/10 each.

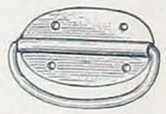
WINDOW GUARD END.



For ½ in. tube.
G 2585.
Brass, 2/9 dozen.

G 2586.
Socket End for ½ ⅝ in. tube
3/9 5/- doz.

BRASS DRAWER HANDLES.



G 920.

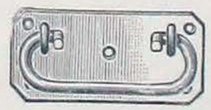
3	4 inch.
10/-	13/9 dozen.



G 921.

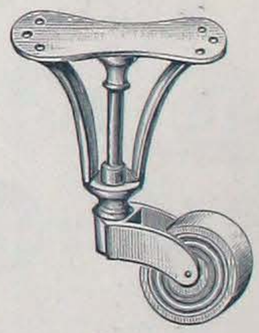
2	2¼	2½	3	3½	4 inch.
4/10	5/2	5/8	7/-	9/-	11/9 dozen.

JAPANNED CHEST HANDLES.



Number	0	1	2	3	4	5	6	
About	3¾	4¼	4½	4¾	5	5¼	5½	inch.
G 2252.	1/2	1/6	1/11	2/3	2/8	—	—	dozen pair.
G 2253.—Strong ...	3/-	4/-	5/-	6/-	7/-	8/-	9/-	,,

IRON FRENCH CASTORS WITH WOOD BOWLS.



G 1036.

8	10	12	14 in. high
11/-	12/6	15/3	16/6 set.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

Brass and Iron Castors, and Brass Cabinet Handles, &c.

CASTORS.


G 1010–12.


G 1013.


G 1014–15.


G 1016–17.


G 2590–91–92.


G 2593.


G 1018.

	1	1⅛	1¼	1⅜	1½	1¾	2	2¼ in.
G 1010.—Iron, with brass bowl	—	—	1/10	1/11	2/1	2/6	—	— set.
G 1011.— ,, ,, wood ,, ...	—	—	5½d.	—	7½d.	—	—	— ,,
G 1012.— ,, ,, china ,, ...	—	—	7d.	—	9d.	—	—	— ,,
G 1013.— ,, plate, brass horns, with china bowl ...	1/5	1/8	2/-	2/3	2/7	—	—	— ,,
G 1014.—Three-wheel, iron, with wood bowl ...	—	—	—	—	1/2	1/4	1/7	2/1 ,,
G 1015.— ,, ,, ,, ,, iron ,, ...	—	—	—	—	10½d.	1/2	1/5	1/11 ,,
G 1016.—Iron plate, brass horns, and bowl ..	—	—	3/9	4/6	5/-	—	—	— ,,
G 1017.—All brass	—	—	4/8	5/10	7/-	—	—	— ,,
G 2590.—Japanned, with wood bowl	—	—	4d.	—	5½d.	9d.	—	— ,,
G 2591.— ,, ,, china ,, ...	—	—	6d.	—	9d.	1/-	—	— ,,
G 2592.—Brass, with china bowl	—	—	—	—	2/-	2/6	3/6	— ,,

	1¼ × 1⅞	1⅝ × 2⅛	2 × 2⅝	2¼ × 2⅞ in.
G 2593.—All iron, with ball bearings	1/3	1/5	1/8	2/6 set.
				1¾ in.
G 1018.—Iron, with china bowl	...	...	...	2/3 set.


G 1019–20.


G 1023–26.


G 1027–30.


G 2594.


G 1032.


G 1033.


G 1034.

					1½	1¾	2	2¼	2½ in.
G 1019.—Iron, with wood bowl					1/10	2/2	2/4	2/9	3/2 set.
G 1020.— ,, brass horns, with china bowl ...					—	5/-	6/3	8/-	— ,,
	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2 inch.
G 1023.—Iron, with china bowl	—	—	9½d.	10½d.	1/-	—	—	—	— set.
G 1024. All brass	—	—	2/1	2/5	2/8	—	—	—	— ,,
G 1025.—Brass, with china bowl	1/4	1/5	1/7	1/9	1/11	—	—	—	— ,,
G 1026.— ,, ,, ,, ,, best ...	1/6	1/7	1/8	1/10	2/-	2/6	3/2	—	— ,,
G 1027.—All brass, light	—	—	2/3	2/7	2/11	3/5	4/-	—	— ,,
G 1028.— ,, strong...	2/7	2/8	3/-	3/6	4/-	4/8	5/3	10/6	17/- ,,
G 1029.—Brass, with china bowl, light ...	1/8	1/9	2/-	2/4	2/8	3/4	4/-	—	— ,,
G 1030.— ,, ,, ,, ,, strong ...	2/2	2/3	2/6	3/-	3/6	4/4	5/-	7/6	10/- ,,
G 2594.—All brass	2/6	2/10	3/2	3/6	4/-	4/9	5/4	—	— ,,
G 1032.—Patent ball castors, brass... ...	—	—	3/8	3/8	3/8	—	—	—	— ,,
G 1033.— ,, ,, ,, ,, ...	—	—	3/9	4/-	4/2	—	—	—	— ,,
G 1034.— ,, ,, ,, ,, ...	—	—	—	—	—	—	5/-	—	5/9 ,,

BRASS CABINET HANDLES.













	Outside ring.				G 1043. Outside ring.			
	1	1¼	1½	1⅝ in.	1¼	1½	1¾ in.	
G 1040.—Stamped plate	2/6	2/10	3/8	4/9 dz.	8/6	11/6	13/3 dz.	
G 1041.—Cast plate	4/6	5/2	6/-	6/8 ,,				
G 1042.—Cupboard turn to match, 1 inch, 11/9 doz.								

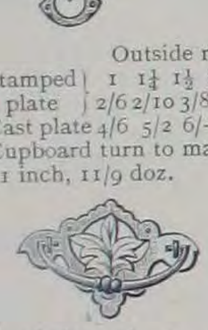
	Outside ring.				G 1047. Length of drop.			
	1	1⅜	1⅝	in.	1⅛	1¼	1½	1⅞ in.
G 1044.	14/3	15/-	18/9	doz.	8/3	9/9	12/-	15/9 doz.
G 1045.—Pedestal handle to match	15/- ,,							
G 1046.—Wardrobe, do.	20/- ,,							

G 2595. Drawer Knob, with wood screw.

	½	¾	1	1¼	1½	2 in.
	1/10	2/6	3/3	4/6	6/9	9/9 dz.

G 2596. Diameter of plate.

	¾	1	1¼	1½	2 in.
	2/2	2/9	3/4	4/3	6/9 dz.



	Length of plate	2½	3	4	4¾ inch.
G 2256.		4/8	5/3	7/-	8/6 doz.
G 2257.—Pedestal handle to match, 8/9 ,,					
G 2258.—Wardrobe, do. ... 10/6 ,,					
G 2259.—Escutcheon, do. ... 2/2 ,,					
G 2260.—Hinge plate, do. 2½ in., 11d. pair					



	Length of plate	2	2¾	3¾	4½	5½ in.
G 6680. ...		4/-	4/6	5/8	7/6	10/- doz.
G 6681.—Pedestal handle to match, 6/- ,,						
G 6682.—Wardrobe, ditto... ... 7/6 ,,						
G 6683.—Escutcheon, ditto ... 1/2 ,,						
G 2264.—Hinge plate, do., 2½ in., 4d. pair.						
G 6679.—Cupboard turn 5/6 doz.						



	Length of plate	2¼	3½	4¼	4¾	5½ in.
G 1060. ...		6/6	8/-	9/9	11/6	14/6 doz.
G 1061.—Pedestal handle to match, 9/9 ,,						
G 1062.—Wardrobe, ditto... ... 14/6 ,,						
G 1063.—Escutcheon, ditto .. 1/3 ,,						
G 2261.—Hinge plate, do., 2½ in., 9½d. pair.						



G 2597. Length of plate.

	1¾	2⅜	3 inch.
	5/-	7/3	9/9 dozen.

G 2598.—Escutcheon to match, 10/- doz.



	Length of plate	2½	3½	4 in.
G 2599		2/6	3/6	4/- doz.
G 2600.—Pedestal handle to match ..		4/3 ,,		
G 2601.—Wardrobe, ditto .. 5/9 ,,				
G 2602.—Escutcheon, ditto 1/- ,,				



	Length of plate	2½	3½	4 in.
G 2604.		3/6	4/9	5/6 doz.
G 2605.—Pedestal handle to match ...		4/9 ,,		
G 2606.—Wardrobe, ditto ... 6/- ,,				
G 2607.—Escutcheon, ditto 1/- ,,				



G 2609. Length of plate. 3½ inch. 11/6 dozen.



G 2610. Length of plate 2½ 3½ 4¼ inch. 7/3 9/- 11/6 dozen.

G 2611.—Escutcheon to match, 1/6 dozen.



	Extreme Length	2½	3¼	4¼ in.
G 2613. ...		7/3	8/6	10/3 doz.
G 2614.—Pedestal handle to match		8/6 ,,		
G 2615.—Wardrobe, ditto 10/9 ,,				
G 2616.—Cupboard turn, do. 9/9 ,,				



G 2617. Extreme Length. 3¼ 3½ 4¾ in. 1/6 2/3 2/6 doz.



	Length of plate	2¼	3¼	4¼ in.
G 2618.		7/-	8/6	10/3 doz.
G 2619.—Pedestal handle to match 10/3 ,,				
G 2620.—Wardrobe, ditto 11/3 ,,				
G 2621.—Cupboard turn, ditto 11/3 ,,				



	Length of plate	2½	3½	3¾ in.
G 2623.		8/9	9/9	10/9 doz.
G 2624.—Pedestal handle to match 10/3 ,,				
G 2625.—Wardrobe, ditto ... 11/- ,,				
G 2626.—Cupboard turn, ditto ... 11/- ,,				

BRASS CASTOR RIMS.









	G 1037.	G 1038.	G 1039.	G 1039A.
	Cast	Cast	Cast	Cast
	¾	⅞	1	1⅛ 1¼ 1⅜ 1½ in.
G 1037.—Beaded	7d.	7½d.	8d.	9d. 9½d. 11d 1/- set
G 1038.—Plain	6d.	6½d.	7d.	7½d. 8d. 9d. 10½d. ,,
G 1038A Machine made Plain	2½d.	2½d.	3d.	3½d 4d. 5d. 6d. ,,

	¾	⅞	1	1⅛	1¼	1⅜	1½	1¾	2	2¼ in.
G 1039.—Cast	—	—	—	—	—	—	—	1/6	1/8	2/- set
G 1039A.—,,	1/1	1/3	1/6	1/9	1/11	2/3	2/5	—	—	— ,,

Brass CABINET ESCUTCHEONS.









G 1040E.	G 1080E.	G 1081E.	G 1059.
⅞ 1 1¼ in.	1 in.	1¼ in.	3/- doz.
1/3 1/6 1/10 doz.	1/10 doz.	3/- doz.	

Brass CABINET HINGE FRONTS.

G 1085.	G 1086.	G 1088.
2½ in.	2½ in.	5¼ 8 in.
9½d. pair.	6½d. pair.	1/3 1/10 pair.

BRASS CABINET HINGES.

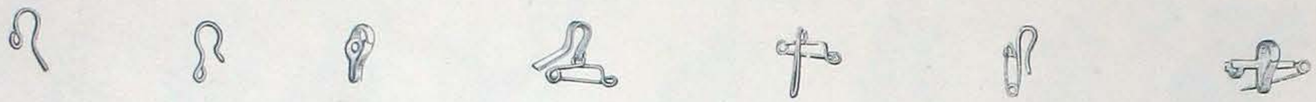
G 1089.—1⅞ in., 2/2 pair.
G 1090.—2½ ,, 2/5 ,,

G 1089. G 1090

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

MUSLIN CURTAIN FITTINGS AND SHELF BRACKETS.

BRASS CURTAIN HOOKS.



G 1091, 1/10 gross, G 1092, Strong, 3/6 gross. | G 1093. 2/- gross. | G 1094. 2/6 gross. | G 1095, 2/- gross. G 1096, Strong, 3/- gross. | G 1097. 3/- gross. | G 1098, 2/6 gross. G 1099, Strong, 3/6 gross. | G 2000. 5/- gross.

BRASS CURTAIN RINGS.

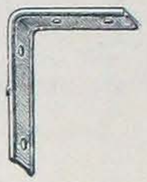


	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	
G 2001, Hollow ...	6d.	$8\frac{1}{2}$d.	1/-	1/3	1/6	1/8	2/9	6/-	$1\frac{3}{4}$ in. inside measurement. 8/6 gross.
			$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	
G 2002, Solid ...	...	...	7/-	8/3	10/-	11/9	14/-	17/9	$1\frac{1}{4}$ in. inside measurement. 19/6 gross.

TINNED FLUTED BRACKETS.

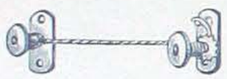


	5×$\frac{3}{4}$	6×$\frac{3}{4}$	7×$\frac{3}{4}$	8×$\frac{7}{8}$	10×1 inch.
G 2022. Driving .. Per cwt.	$7\frac{1}{2}$d.	9d.	$10\frac{1}{2}$d.	1/4	1/9 dozen.



	3×2×$\frac{5}{8}$	$3\frac{1}{2}$×$2\frac{1}{2}$×$\frac{5}{8}$	4×3×$\frac{3}{4}$ inch.
G 2023, Angle, fancy ends	$7\frac{1}{2}$d.	9d.	$11\frac{1}{2}$d. dozen.
	5×$3\frac{1}{2}$×$\frac{3}{4}$	6×4×$\frac{7}{8}$	7×5×$\frac{7}{8}$ inch.
Per cwt.	1/4	1/7	1/9 dozen.

MUSLIN CURTAIN FITTINGS.



G 2003.—The "Simplex" blind tightener, 4/3 per doz. pairs.

WINDOW LATH BRACKETS.



G 2630. G 2631.

G 2630.—Brass ... ... 1/4 dozen.
G 2631.— ,, ,, ,, ,, ... 1/4 ,,



G 2006.

Brass brackets for

	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ in. tube.
G 2006	7/9	10/6	13/-	16/- doz. pairs.



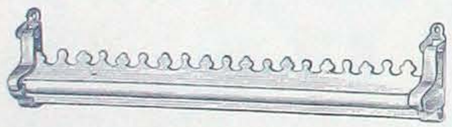
G 2008.

Brass brackets for $\frac{3}{8}$ $\frac{1}{2}$ in. tube.
G 2008 4/- 6/- doz. pairs.



G 2009.

G 2009 10/6 — ,, ,,



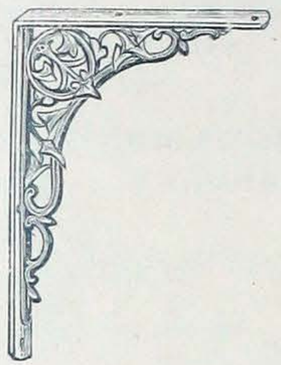
G 2011.

G 2011 8/3 — ,, ,,

For Brass Case Tube, see page 46.

Brass Muslin Bands, $1\frac{1}{2}$ in. wide, plain, as G 2009, 11d.; fancy, as G 2011, 1/6 per ft.

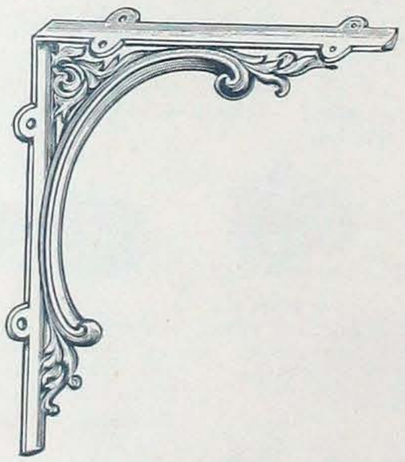
Muslin Bands.—Above prices are for stock lengths, *viz.*, 30, 32, 34, 36, 39, 42, 45, 48 in. Special lengths charged extra.



G 2268.—Cast iron.

4×6	5×7	6×8	7×9	8×10	10×12 in
2/-	2/6	3/-	4/6	5/-	7/- doz

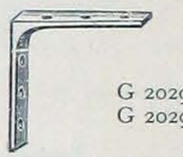
12×14 8/6 14×16 in. 10/- doz.



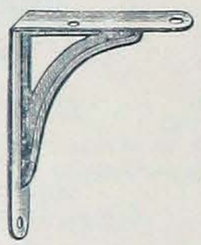
G 2269.—Cast iron.

10×12	12×14	14×16 in.
13/6	17/-	20/6 dozen.

SHELF BRACKETS.



	2	$2\frac{1}{2}$	3	4	5	6 in.
G 2029, Berlin black iron	1/3	1/5	1/10	2/6	3/3	4/3 doz.
G 2029B, Brass	3/-	4/6	5/6	8/-	10/6	11/3 ,,



G 2632.—Japanned steel,

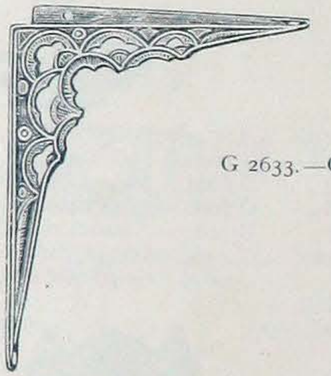
ins.	4×5	5×6	5×7	6×8	7×9	8×10	10×12	12×14
	1/4	1/10	2/4	2/10	3/6	4/3	6/-	8/3 dz.

G 2026.—Malleable iron for glass shelves,

3	4	5	6	7	8 in.
2/2	2/8	3/9	4/3	5/4	7/- doz.

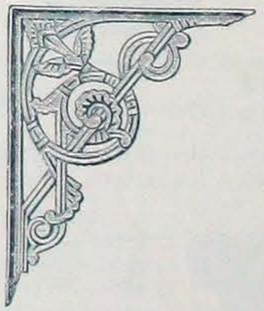
G 2027.—Brass for glass shelves,

3	4	5	6	7	8 in.
6/-	7/3	9/-	10/6	13/6	17/- doz.



G 2633.—Green varnished iron,

4×5	5×6	6×8	8×10 in.
1/11	2/6	3/9	6/- doz.



G 2267.—Green varnished iron,

3×4	4×5	5×6	6×8	8×10	10×12 in.
1/6	2/2	2/9	3/9	5/8	8/6 doz.

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Tassel Hooks, Cornice Pole Brackets and Counter Guard.

BRASS TASSEL AND CURTAIN HOOKS.



G 2030A.—2⅜ in. ... 2/- doz.
G 2031A.—2⅝ ,, ... 2/4 ,,
G 2032A.—3 ,, ... 3/2 ,,
G 2637.—Light 1¾in. 1/1 ,,



G 2033.
3 in.,
3/2 dozen.



G 2636.
2 in.,
2/4 dozen.



G 2638.—2⅛ in. 3/2 doz.
G 2639.—1¾ ,, light 1/6 ,,



G 6670.
2¼ in.,
2/4 dozen.



G 2034.
2⅜ in.,
2/8 dozen.



G 2035.—2 in. ... 2/8 doz.
G 2036.—2⅝ ,, ... 3/9 ,,



G 2038.
3 in.,
4/2 dozen.



G 2039.
3 in.,
5/- dozen.



G 2040.
3 in.,
5/8 dozen.



G 1076.
3¾ in.,
8/3 dozen.



G 2043.
3 in.,
3/9 dozen.



G 2045.
2⅝ in.,
6/- dozen.



G 2046.
2⅝ in., 10/- dozen.

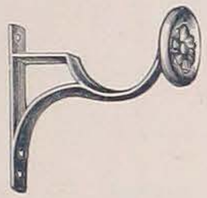


G 6671.
3⅛ in., 5/6 dozen.

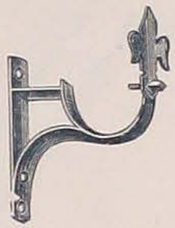
CORNICE POLE BRACKETS.



G 2640.



G 2060-64.



G 2065-66.



G 2067.

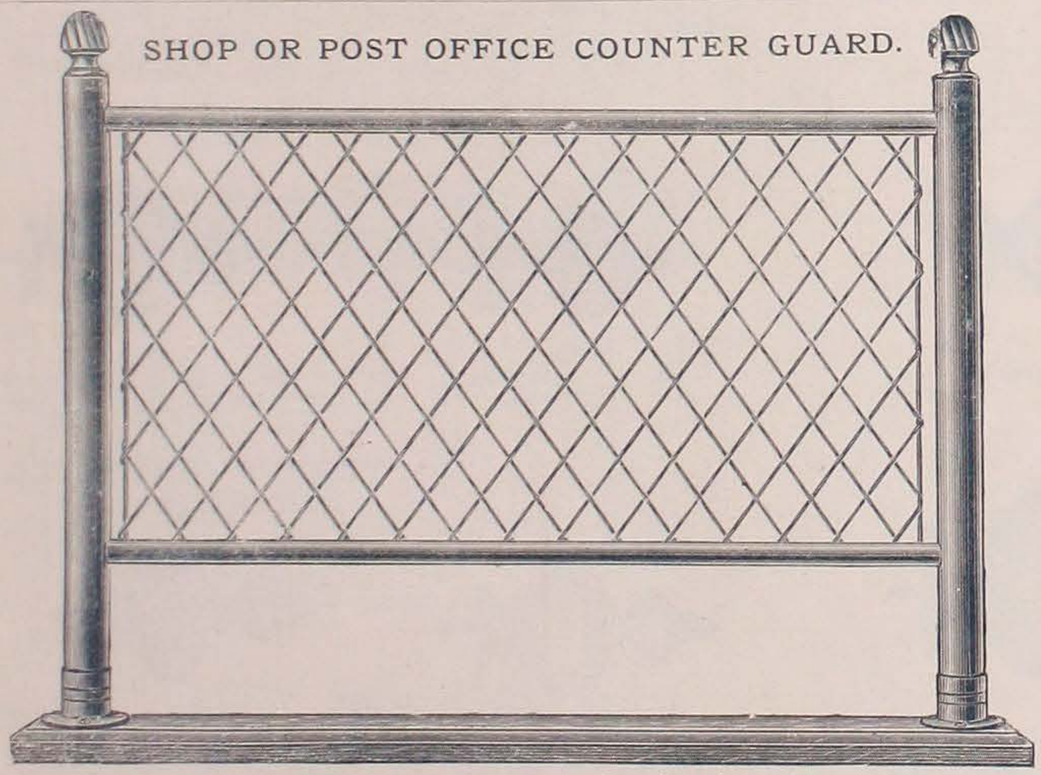


G 2068.

	½	⅝	¾	1	1¼	1½	1¾	2	2¼	2½	3 inch.
G 2640.—Brass, machine made	—	—	5½d.	6d.	6½d.	7d.	—	—	—	—	— pair.
G 2060.—Malleable iron, japanned marone ..	—	—	—	—	—	9d.	—	11d.	1/-	1/2	1/3 ,,
G 2061.—Brass, light	—	—	—	9d.	10d.	11d.	1/1	1/3	1/5	1/6	2/1 ,,
G 2063.— ,, strong	9d.	10d.	11d.	1/1	1/4	1/6	1/8	1/10	2/3	2/6	3/4 ,,

	1	1¼	1½	1¾	2	2¼	2½	3 inch.
G 2064.—Brass, extra strong	—	—	2/4	2/6	2/10	3/3	3/6	4/3 pair.
G 2065.—Malleable iron, Berlin black ...	9d.	9½d.	10½d.	11d.	1/-	—	—	— ,,
G 2066.—Brass	2/9	2/11	3/2	3/4	4/4	—	—	— ,,
G 2067.— ,, with pulleys	—	—	3/3	3/6	3/9	4/-	4/3	4/8 ,,
G 2068.— ,, ...	—	—	1/5	1/9	1/10	2/5	2/10	3/9 ,,

SHOP OR POST OFFICE COUNTER GUARD.



G 2635.—Brass. Price on receipt of requirements.



G 2643.—Brass,

	1	1¼	1½	2 inch.
Ceiling bracket ...	1/10	2/-	2/5	2/10 each.



G 2644.—Brass,

	1½	2 inch.
Centre bracket	4/8	6/- each.

	1	1¼	1½	2 inch.
G 2641.—Ditto, not hinged	2/2	2/4	2/6	2/9 each

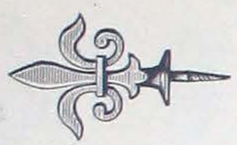


G 2069—2642.

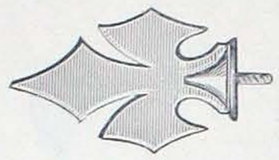
	¾	1	1¼	1½	1¾	2	2¼	2½	3 inch.
G 2069.—Brass	—	—	—	2/3	3/-	3/4	3/6	4/3	4/6 pair.
G 2642.— ,, light	1/5	1/6	1/8	1/10	2/2	2/6	—	—	— ,,

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

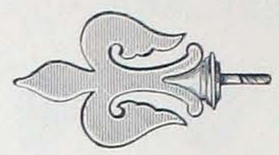
BRASS AND WOOD CORNICE POLE ENDS.



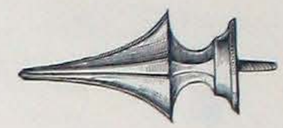
G 2070.
For 1¼ in. pole,
3/8 pair.



G 2072.
For 1½ 1¾ 2 2¼ 2½ in. pole.
3/9 5/9 8/- 8/9 10/9 pair.



G 2075.—Iron,
For 1¼ 1½ in. pole.
1/3 1/6 pair.



G 2076.
For 1 1½ 2 in. pole.
2/9 3/9 4/8 pair.



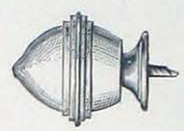
G 2077.
For 1½ in. pole,
1/5 pair.



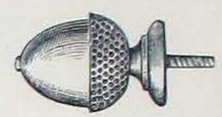
G 2078.
For 1½ in. pole,
1/7 pair.



G 2079.
For 1¾ in. pole,
1/10 pair.



G 2080.
For 1¾ in. pole,
1/10 pair.



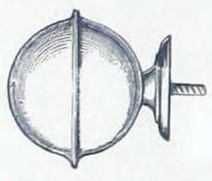
G 2081.
For ¾ 1 1¼ 1½ 2 in. pole.
9d. 10d. 1/3 1/6 2/9 pair.



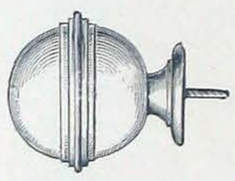
G 2082.
For 1½ 2 in. pole.
Dead 1/3 2/4 pair.
Burnished 2/6 3/9 ,,



G 2083.
For ¾ 1 1¼ 1½ 2 in. pole.
9½d. 1/- 1/3 1/6 2/9 pair.



G 2084.
For 1 1¼ 1½ 2 in. pole.
9½d. 1/- 1/2 2/3 pair.



G 2085.
For 1½ 2 in. pole.
1/- 2/3 pair.
2645.—Lighter, for 1½ in. pole
9½d. pair.



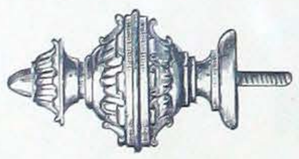
G 2086A.
For 1½ 2 in. pole.
1/6 2/3 pair.



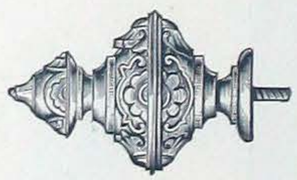
G 2646.
For 1 1¼ 1½ 2 in. pole.
1/3 1/6 2/4 3/2 pair.



G 2088A.
For 1½ 2 2½ in. pole.
1/10 2/9 5/3 pair.



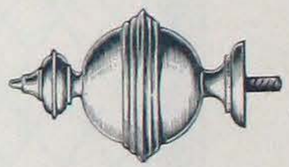
G 2089.
For 2 in. pole,
3/4 pair.



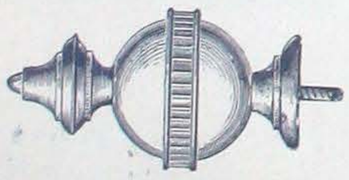
G 2090.
For 2¼ or 2½ in. pole,
3/2 pair.



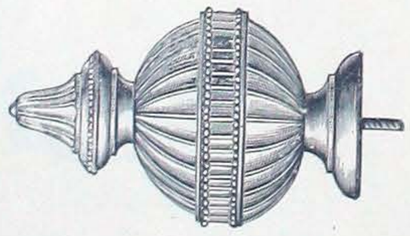
G 2647.
For 1½ 2 in. pole.
3/9 4/8 pair.



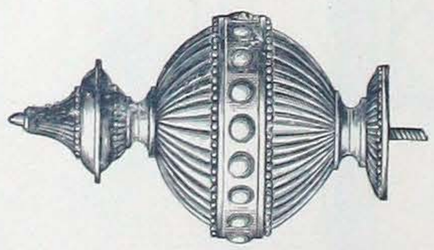
G 2092A.
For 1 1½ 2 2¼ 2½ in. pole.
1/6 1/10 2/9 3/4 4/3 pair.



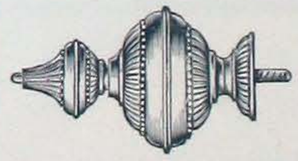
For 2 2½ 3 in. pole.
3/9 4/8 7/6 pair.



G 2094.
For 2 2½ in. pole.
3/9 5/6 pair.



G 2095.
For 2 2½ 3 in. pole.
3/9 5/6 7/6 pair.



G 2096A.
For 1 1½ 2 2½ in pole.
1/6 1/10 2/10 3/9 pair.

TURNED ENDS FOR WOOD POLES.

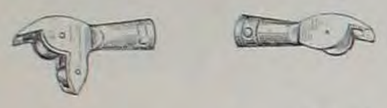


G 2648. For 2 2½ 3 in. pole
Mahogany .. ... 2/6 2/6 3/4 pair.
Imitation Mahogany or Birch .. ... 1/3 1/3 1/6 ,,

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

CORNICE POLES AND FITTINGS.

FRENCH ROD ENDS.



	¾	⅞ inch.
G 2020.—Brass ...	2/5	3/- pair.

G 2021.—Brass, with plug for tube, ¾ in. 2/5, ⅞ in. 3/-, 1 in. 4/6 pair.

CORNICE POLE OR PICTURE ROD JOINT.



¾	⅞	1	1¼	1½ inch.
G 2660. 1/8	1/11	2/2	2/10	3/7 each.



BRASS CURTAIN PULLEYS.



G 2018. ... 1/2 pair.

FRENCH ROD HOOKS.



G 2014.

	2½	3	3½ inch.
Tinned	5d.	6d.	7d. doz.

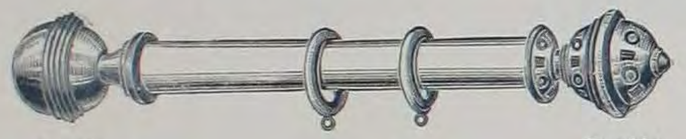
G 2015.
Brass, 3 inch, 4/- dozen.

TINNED CORNICE SLIDES.



G 2016.

3	3½	4 inch.
1/8	2/-	2/4 doz. pair.



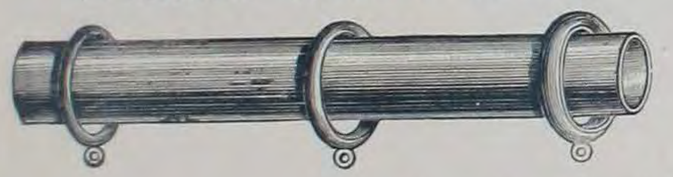
G 2661. G 2662.

LIGHT POLISHED BRASS CORNICE POLES.

4 ft. 6 in.	5 ft.	5 ft. 6 in.	6 ft.	6 ft. 6 in.	7 ft. × 1½ in. diam.
6/9	7/6	8/3	9/-	9/9	10/6 each.

Complete with either pattern Ends, Rings and Brackets.

STRAIGHT CORNICE POLES.



	1¼	1½	2	2¼	2½ inch.
G 2663.—Polished brass, light ...	10d.	1/-	1/5	—	— per ft.
G 3013.—Polished brass, strong ...	1/4	1/6	2/-	2/7	2/11 ,,
G 3014.—Do., grooved for master rings, including pulleys ...	—	3/4	4/2	5/-	5/8 ,,
G 3015.—Do., grooved for runners, including runners & cords	—	4/2	5/2	5/9	6/6 ,,
G 3016.—Wood poles, ¾ covered with brass, if in 18 feet lengths	—	6d.	6¾d.	—	8½d. ,,
If cut to lengths	—	6½d.	7½d.	—	9½d. ,,
G 3018.—Iron tubes, decorated or stained black	10d.	1/-	—	—	— ,,
G 3019.—Mahogany pole with rings and ends, best	—	—	1/10	2/-	2/1 ,,
G 3020.—Imitation mahogany or light birch, best	—	—	8½d.	9d.	10d. ,,

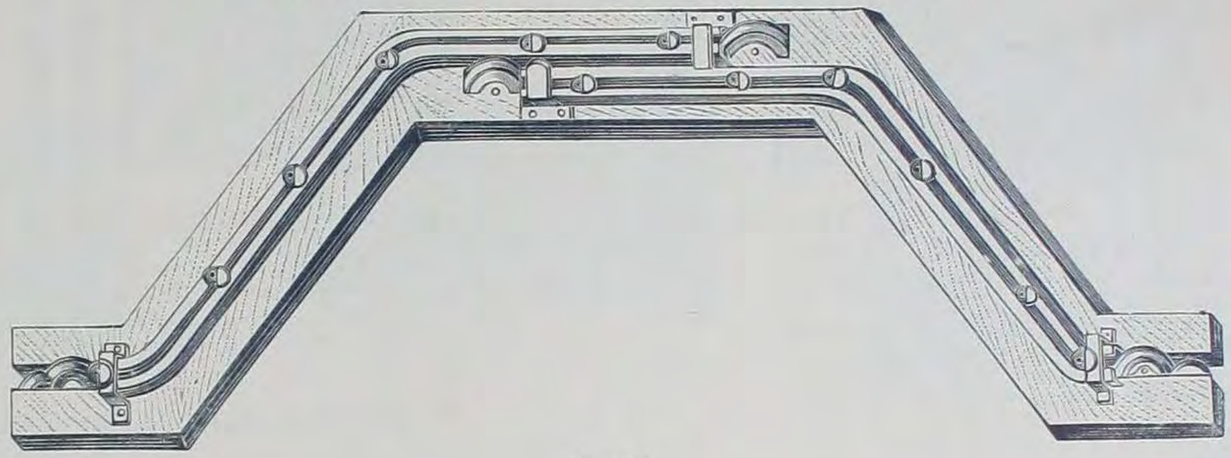
For Brass Cased Tubes, see page 46.

Mahogany or Birch Poles over 9 feet charged 2d. per foot extra.

CORNICE POLE RINGS.

	1	1¼	1½	1¾	2	2¼	2½	3 inch.
G 3006.—Brass, light, burnished	7½d.	8½d.	9½d.	10½d.	1/-	1/4	1/7	2/3 dozen.
G 3007.— ,, strong ,, ...	—	—	—	—	2/9	—	3/6	5/- ,,
Mahogany	—	—	1/-	1/3	1/8	2/-	2/5	2/10 ,,
Imitation mahogany or birch	—	—	10d.	1/-	1/2	1/4	1/7	1/9 ,,

GROOVED RAILWAY FOR CURTAINS.



G 3008.

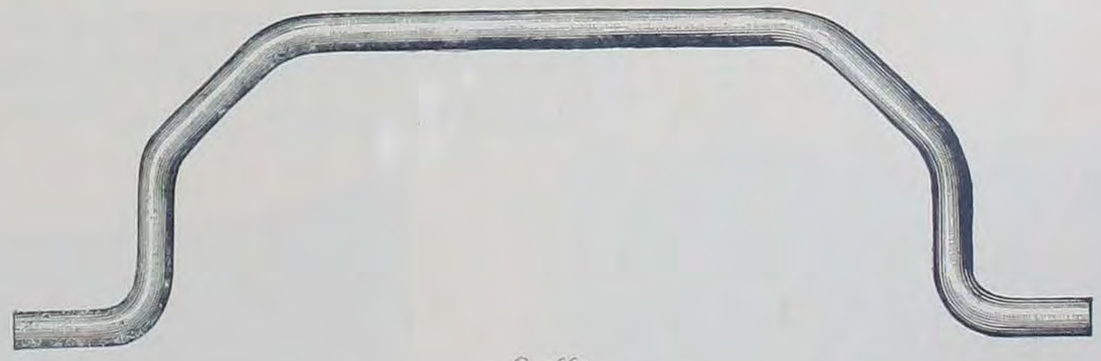
	per ft.
If laths are sent to be mounted, straight	2/6
,, ,, ,, two bends ..	2/8
,, ,, ,, four bends ...	2/10
,, ,, ,, six bends ...	3/-

Straight Laths containing less than 8 ft. charged as 8 ft.

	per ft.
If supplied complete with wood laths, straight ...	3/8
,, ,, ,, two bends ...	3/10
,, ,, ,, four bends ...	4/2
,, ,, ,, six bends ...	4/8

Cant Laths containing less than 12 ft. charged as 12 ft.

BENT CORNICE POLES.



G 2664.

	1¼	1½	1¾	2	2¼	2½ inch.
Strong polished brass, two bends	1/10	2/1	2/5	2/8	3/3	3/9 per foot.
,, ,, four ,, ...	2/3	2/6	2/9	3/1	3/9	4/3 ,,
,, ,, six ,, ...	2/8	2/11	3/4	3/9	4/2	5/2 ,,

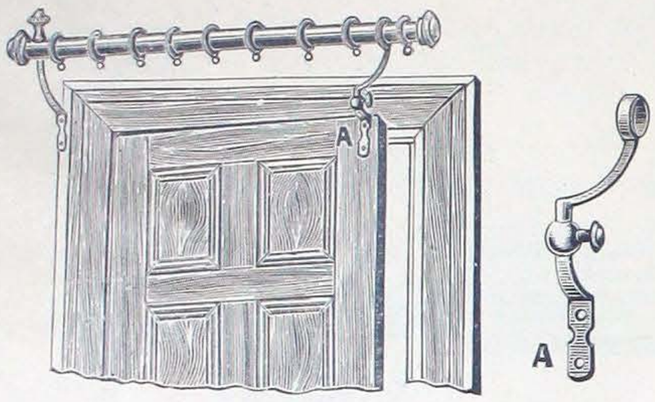
Also supplied grooved for master rings or grooved for runners. Prices quoted on application.

NOTE.—Bent Poles under 12 feet in measurement are charged extra.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

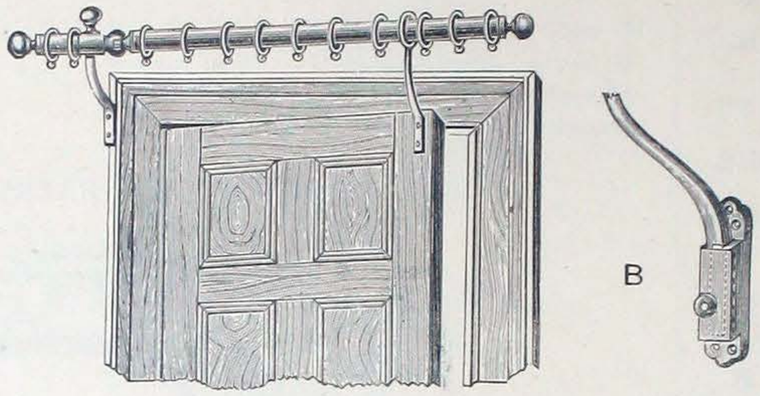
PORTIERE AND CURTAIN RODS AND WIRE BLINDS.

DOUBLE-HANDED PORTIERE, OR SELF-ACTING DOOR RODS.



	4 ft.	4 ft. 6 in. × ¾ in.
G 2244.—Price, complete with rings	5/8	6/- each.
G 2666.—4 ft. × ⅝ in., with ordinary bracket	...	2/6 ,,

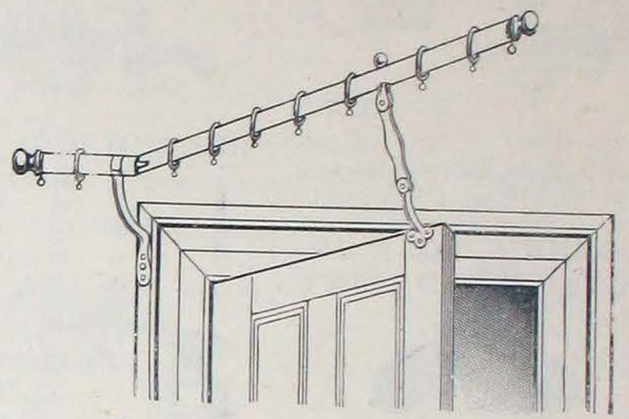
A represents an improved bracket.



	4 ft.	4 ft. 6 in. × ¾ in.
G 3019.—Price, complete with rings	5/10	6/3 each.
G 3020.— ,, ,, with improved brackets	8/9	9/3 ,,
G 2667.—Light, with ordinary bracket, 4 ft. × ¾ in.		4/8 ,,

Also made in all sizes to order.

B represents an improved method of fixing the bracket to the frame and door, so that the whole can easily be removed when the curtain is not required.

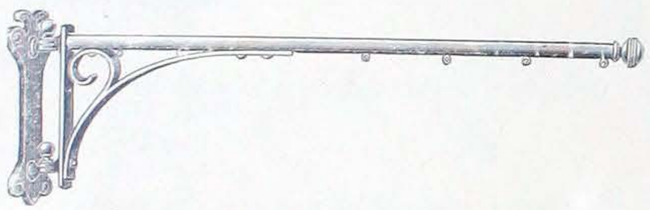


OPEN.

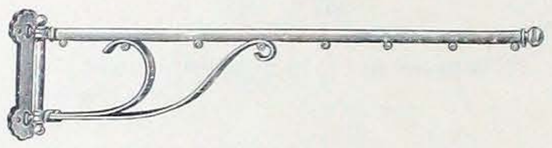
	4 ft.	4 ft. 6 in.	5 ft. × ¾ in.
G 2245.—Price, complete with rings	10/8	11/-	11/3 each.
G 2668.—With pivot joint, 4 ft. 9/-; 4½ ft. 9/3; 5 ft. × ¾ in.			9/8 ,,

Upon opening the door the rod automatically raises both itself and the curtain, and resumes its former position as the door is closed.

SWING CURTAIN RAILS.



G 2669.—Polished brass, 3 ft. × ⅝ in. ... ... 10/6 each.



G 2670.—Polished brass, 2 ft. 6 in. × ½ in. ... 7/3 each.

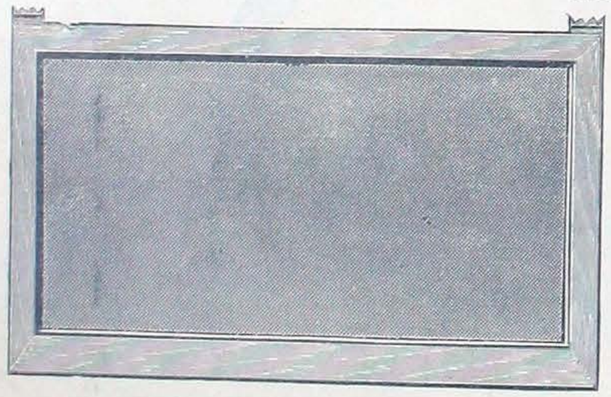


G 2671.—Polished brass and copper, 2 ft. 8 in. long ... 11/3 each.

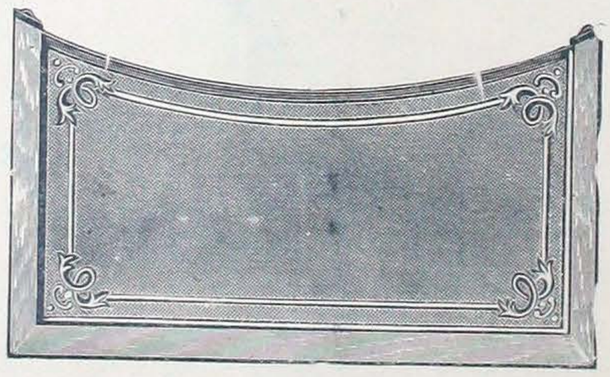
IMPROVED WOVE-WIRE WINDOW BLINDS,

IN MAHOGANY FRAMES, FRENCH POLISHED, WITH BRASS FITTINGS.

ALL BLINDS UNDER FOUR FEET SQUARE CHARGED AS FOUR FEET.



G 2672.—Plain color, any shade ... ... 2/1 square foot.
Gilded lines and corners ... ... 2/11 ,,



G 2673.—Round brass top, gilded lines & corners... 3/6 square foot.
Do. plain color ... ... 2/7 ,,



G 2674.—Round brass top ... ... 2/7 square foot.
Gilded letters 3d. per inch in height.

Illustrations are about one sixth full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS CORNICE PLATES.



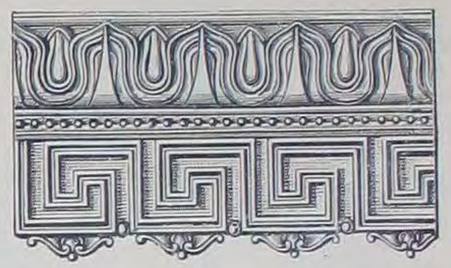
G 3021.—2½in. deep, 6¼d. per foot.



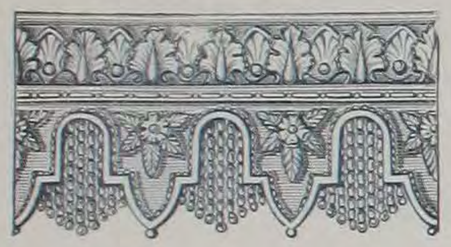
G 3023.—4¼ in. deep, 10½d. per foot.



G 2678.—6½ in. deep 1/5 per foot.
G 2679.—5½ ,, ,, 1/1 ,,



G 3026.—7in. deep, white or black enamelled, 1/9 per foot.



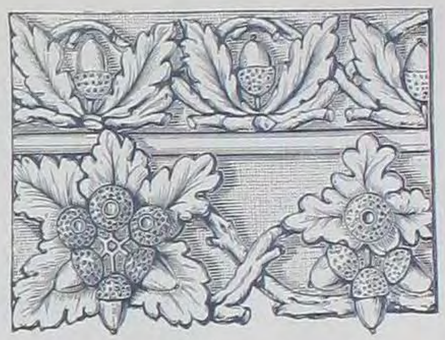
G 3025.—5½in. deep, white or black enamelled, 1/5 per foot.



G 2680.—6½ in. deep, 1/9 per foot.

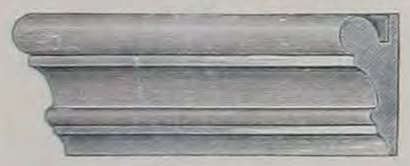


G 2681.—5½ in. deep, 1/1 per foot.

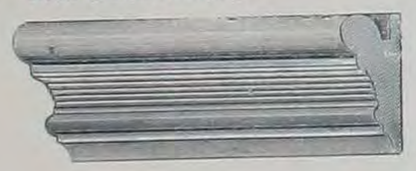


G 3030.—5½ in. deep, 1/1 per foot.

WOOD PICTURE MOULDINGS.



G 2687.—Plain, 2 × 1 inch.
G 2688.— ,, 1⅞ × ⅞ inch.



G 2689.—Reeded, 2 × 1 inch.

Prices on application.

BRASS MOULDING HOOKS.

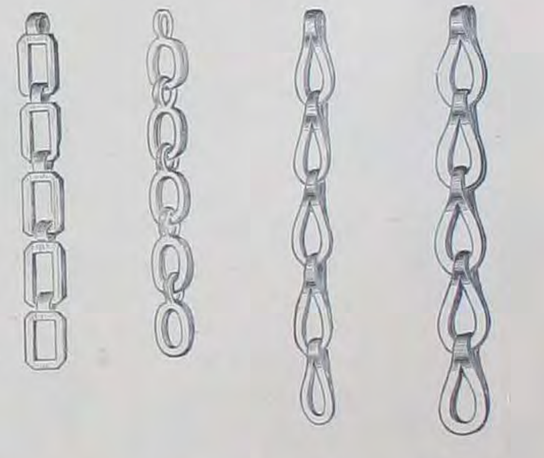


G 2692.—1/3 dozen.
G 2693.—Fancy, 1/6 dozen.



G 2694.—1/2 dozen.
G 2695 —Plain ... 1/1 dozen.

PICTURE OR CHANDELIER CHAINS.



G 6064. 10/-
G 6065. 6/8
G 6066. 5/6
G 6067. 6/6 doz. yds.

BRASS CURTAIN CHAINS.



G 2048.—24 in., 1/10 pair.



G 2272.—26 in., 2/- pair.



G 2682.—26 in., 2/8 pair.

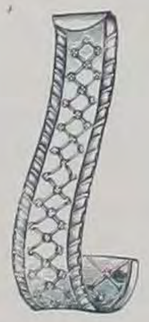


G 2683.—26 in., 2/3 pair.
G 2684.—24 in., lighter, 1/- pair.



G 2685.—27 in., 4/8 pair.
G 2686.—27 in., copper, 5/- pair.

BRASS CURTAIN BANDS.



G 2055.
2/6 pair.



G 2056.
1/10 pair.



G 2057.
3/6 pair.

Illustrations are about one-sixth full size except Chains. The varieties described represent in many cases but a small selection from those in stock.
Further details and special prices for large quantities will be sent on receipt of requirements.

PICTURE RODS AND FITTINGS.

BRASS PICTURE ROD ENDS.


G 3034.


G 3036.


G 3037.


G 2276.


G 3038.


G 3040.

	For	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch tube.
G 3034.—		5/-	5/9	7/-	8/- dozen.
G 3036.—		4/9	5/9	6/9	8/- ,,
G 3037.—		4/9	6/3	8/3	11/9 ,,
G 3038.—		2/9	3/6	4/3	6/3 ,,
G 3040.—		—	14/-	—	19/- ,,
G 2276.—		4/9	5/3	6/9	7/9 ,,

BRASS PICTURE SUSPENDERS.

With Pins.

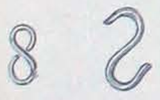

G 3055.
$1\frac{5}{8}$ inch, 4/- gross, 5d. dozen.


G 2698.—$1\frac{5}{8}$ inch, 11d. dozen.


G 2700.—2 inch, 1/10 dozen.


G 2699.—Polished,
$1\frac{1}{2}$ inch, 1/2; 2 inch, 1/6 dozen.

S HOOKS.



G 3058.—Brass wire.

$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
4d.	$4\frac{1}{2}$d.	7d.	8d.	$8\frac{1}{2}$d.	11d. doz.

G 2697.—Lighter do.

$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
1/2	1/4	1/8 gross.

G 3059.—Cast brass.

$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{4}$ inch.
1/4	1/8	2/2	2/9	3/-	3/6	7/- dozen.

BRASS CASED PICTURE RODS.



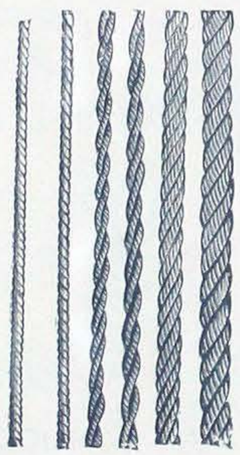
	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ inch.
In original lengths,	3d.	$3\frac{3}{4}$d.	$4\frac{1}{2}$d.	$5\frac{1}{2}$d.	$6\frac{3}{4}$d.	8d.	11d.	1/2 foot.
If cut to length,	$3\frac{1}{2}$d.	$4\frac{1}{4}$d.	5d.	$6\frac{1}{4}$d.	$7\frac{1}{2}$d.	9d.	1/-	1/4 ,,
Making slip joints for extra long lengths ...	5d.	6d.	7d.	9d.	10d.	1/-	1/2	1/4 each.
Plugging & fixing ends, including wood plug ...	2d.	3d.	3d.	4d.	4d.	4d.	6d.	8d. ,,

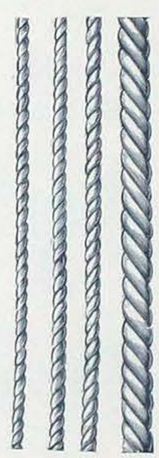
IRON PICTURE RODS.

		$\frac{3}{4}$	1 in. outside diameter.
Prepared for painting ...	...	5d.	6d. foot cut length.
Iron ends for ditto ...	...	2/2	3/3 dozen.
,, hooks ,,	... As G 3049	$10\frac{1}{2}$d.	1/5 ,,
,, ,, ,,	... ,, G 3050	1/4	1/8 ,,
,, brackets ,,	... ,, G 3044	3/-	3/4 ,,

Extras for slip joints and plugging or fixing ends as above.

PICTURE WIRE.


No. 5 6 7 8 9 10


No. 5 6 7 8

G 3060.—Hookham's patent. G 3061.

Size No.	5	6	7	8	9	10	
For pictures	20	30	40	60	80	150	lbs.
G 3060.—Gilt	3/3	4/8	8/-	11/3	18/6	33/6	per coil of 100 feet.

This line is in lengths of 100 feet divided into 4 hanks of 25 feet each.

For pictures	12	22	30	50 lbs.
G 3061.—Gilt	1/-	1/8	3/2	7/6 per coil of 100 feet.

In coils of 100, 50 and 25 feet each.

G 3062.—Adjusting fasteners for Hookham's picture wire.

For size No.	5	6	7	8	9	10
	2/-	2/-	3/-	4/-	5/-	8/- gross.

For Picture Chain, *see page* 45.

BRASS PICTURE ROD BRACKETS.


G 3043.


G 3044.

	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
G 3043.—with plate to screw on ,,	3/6	4/-	4/6	5/- doz.
G 3044.—To drive or to screw in ...	(same price).			

BRASS PICTURE ROD HOOKS.


G 3049.


G 3050.


G 3051.

	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
G 3049.— ...	2/-	2/3	2/10	3/4 doz.
G 3050.— ...	2/-	2/3	3/-	3/9 ,,
G 3051.— ...	4/3	5/-	6/6	8/- ,,
G 2278 as G 3049 but machine made ...	1/3	1/6	1/8	2/3 ,,
G 2279 as G 3050 but machine made ...	1/3	1/5	1/7	2/1 ,,

PICTURE RINGS.



	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$ in. outside ring.
G 3067.—Brass to screw	4/3	5/6	7/-	8/-	9/6	—	—	— gross.
G 3068.—Do. do., strong	—	—	—	—	2/3	2/8	3/4	3/8 dozen.

	$\frac{9}{16}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$ inch.
G 2701.—Bright iron	1/6	1/8	2/3	3/- gross.
G 2702.—Brassed iron	1/10	2/-	2/9	3/9 ,,



	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$ inch.
G 3069.—Brass on plate	1/5	2/4	3/-	6/9 dozen.



	$\frac{7}{8}$	1	$1\frac{1}{8}$ inch.
G 3070.—Ditto	1/4	1/6	1/10 dozen.

GLASS PLATES.



	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 inch.
G 3071.—Bronzed iron	—	—	1/10	2/2	—	— gross.
G 3072.—Brass, machine made ...	1/6	1/10	3/9	7/-	—	— ,,
G 3072A.—Do. do. strong	—	5/6	9/6	12/-	13/6	17/6 ,,
G 3073.—Cast brass	—	—	12/-	17/6	33/-	— ,,



	$1\frac{1}{4}$	$1\frac{1}{2}$ inch.
G 2706.—Brass, machine made	3/9	5/6 gross.

BRASS HEADED NAILS.



	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4 inch.
G3075.—Best quality, Plain head, wrought shank ...	1/6	1/9	2/-	2/3	2/6	3/9	5/2	6/-	7/6 gross.
G2280.—Light, plain head, wire shank	9d.	10d.	1/-	1/1	1/3	1/10	2/6	3/-	3/6 ,,

Illustrations are about one-sixth full size, except Picture Wire, which is full size. The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BRASS CHAIR NAILS AND CARPET PINS.

G 3076.



¼ ⅜ ½ ⅝ inch.
3/8 4/- 4/8 6/6 8/6 per 1,000.
7d. 8d. 10d. 1/1 1/5 per gross.

G 3077.



Deep cone shape,
½ inch ... 1/8 gross.

G 3078.



Cone shape,
⅜ ½ inch.
1/6 2/- gross.

G 3080.



⅜ inch ... 1/8 gross.

G 3081.



⅝ inch ... 2/2 gross

G 3082.



⅜ ½ inch.
1/4 1/6 gross

G 3083.



⅓ ⅝ inch.
1/8 2/- gross.

G 3084.



⅝ inch ... 1/10 gross.

G 3085.



½ ⅝ inch.
1/6 2/- gross.

G 3086.



½ inch ... 2/- gross.

G 3090.



½ ⅝ inch.
1/8 2/2 gross.

G 3091



⅝ inch ... 2/2 gross.

G 3092.



½ ⅝ ¾ inch.
1/6 2/- 2/4 gross.

G 3094.



½ ⅝ ¾ inch.
1 - 1/4 1/8 gross.

G 3095.



⅝ inch ... 3/- gross.

G 3096.



½ ⅝ ¾ inch.
1/8 2/- 2/8 gross.

G 3097.



½ ¾ inch.
1/4 2/- gross.

G 3098.



⅝ ¾ 1 inch.
1/10 2/- 2/6 gross.

G 3099.



¾ inch ... 3/4 gross.

G 4000.



½ ⅝ ⅞ 1¼ inch.
2/ 2/8 3/2 gross.

G 4001.



¾ inch ... 3/8 gross.

G 4003.



¾ inch ... 2/8 gross.

G 4004.



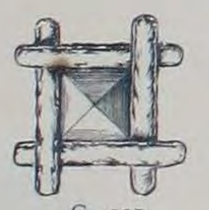
⅝ ¾ inch.
2/6 3/2 gross.

G 4006.



¾ inch ... 3/6 gross.

G 4007.



½ ⅝ ¾ inch.
2/2 2/8 3/4 gross.

G 4008.



⅛ ¾ inch.
2/- 2/10 gross.

G 4009.



½ ⅝ ¾ inch.
1/6 2/- 2/6 gross.

G 4010.



½ ⅝ ¾ inch.
1/6 1/10 2/6 gross.



G 2715.—⅝ inch, 1/3 gross.
G 4011.—With patent steel pin, ⅝ ¾ inch.
2/6 3/- gross.
¾ in. with 1 or 1¼ in. pin, 3/6 gross.

G 2710.



½ ⅝ ¾ inch.
3/2 3/8 4/6 gross.

G 2711.



½ ⅝ ¾ inch.
3/2 3/8 4/6 gross.

G 2712.



½ ⅝ ¾ ⅞ inch.
3/2 3/8 4/6 5/- gross.

G 2713.



⅜ ½ ⅝ ¾ inch.
2/8 3/2 3/8 4/6 gross.

G 2714.



⅜ ½ ⅝ ¾ inch.
2/8 3/2 3/8 4/6 gross.

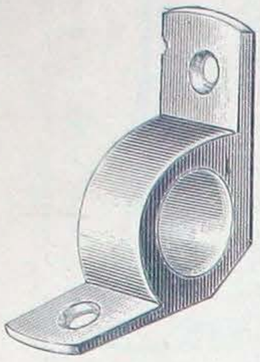
IMPROVED SPRING CARPET PIN & SOCKET.



G 2716.—Brass, 2 inch 1/5 dozen.

Special prices for large quantities will be sent on receipt of requirements.

BRASS CASED STAIR RODS AND BRASS EYES.

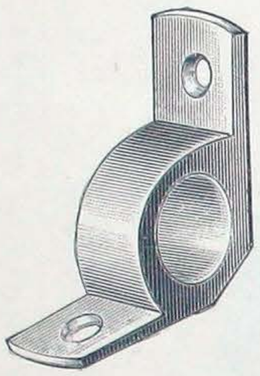


G 4022.

For $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ in. rod.
2/4 3/3 4/3 5/6 dozen.

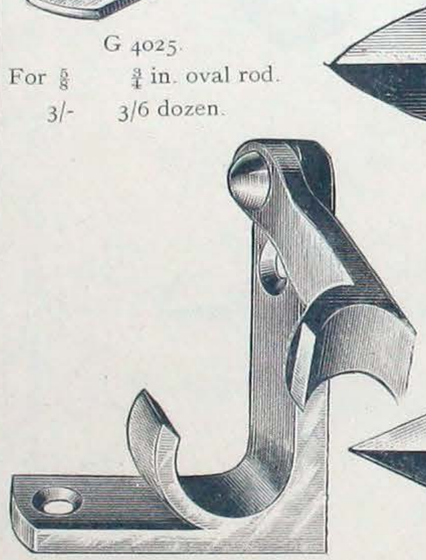
G 2282.—Lighter.

For $\frac{5}{16}$ $\frac{3}{8}$ $\frac{1}{2}$ in. rod.
1/3 1/6 2/3 dozen.



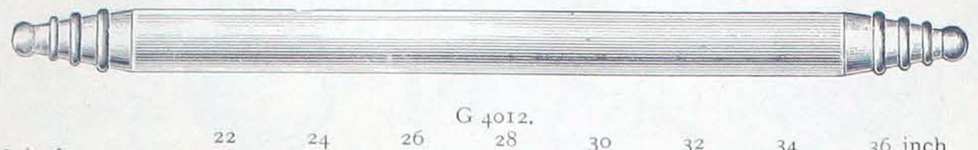
G 4025.

For $\frac{5}{8}$ $\frac{3}{4}$ in. oval rod.
3/- 3/6 dozen.



G 2723.—Hinged.

$\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ inch rod.
4/8 6/3 7/6 11/3 dozen.



G 4012.

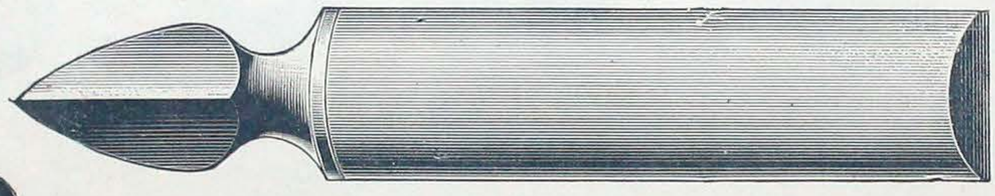
	22	24	26	28	30	32	34	36 inch.
$\frac{1}{4}$ inch... ...	2/9	3/-	3/3	3/6	3/9	4/-	—	— dozen
$\frac{5}{16}$,, ...	—	4/6	4/10	5/3	5/7	5/11	—	— ,,
$\frac{3}{8}$,, ...	—	—	6/6	7/-	7/6	8/-	8/6	9/- ,,



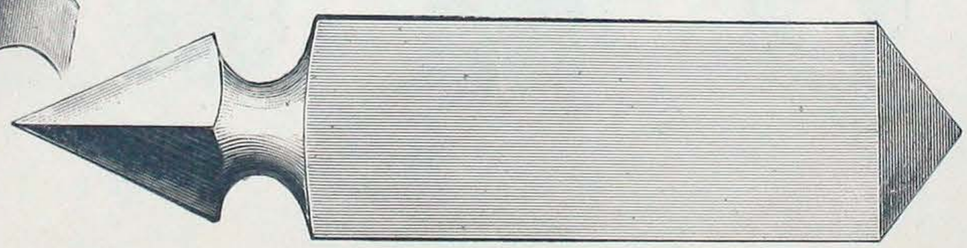
G 4013.—$\frac{5}{16}$ inch ... ... 6½d. per foot.
,, $\frac{1}{2}$,, ... 8⅛d. ,,
,, $\frac{5}{8}$,, ... 10½d. ,,
,, $\frac{3}{4}$,, ... 1/5 ,,



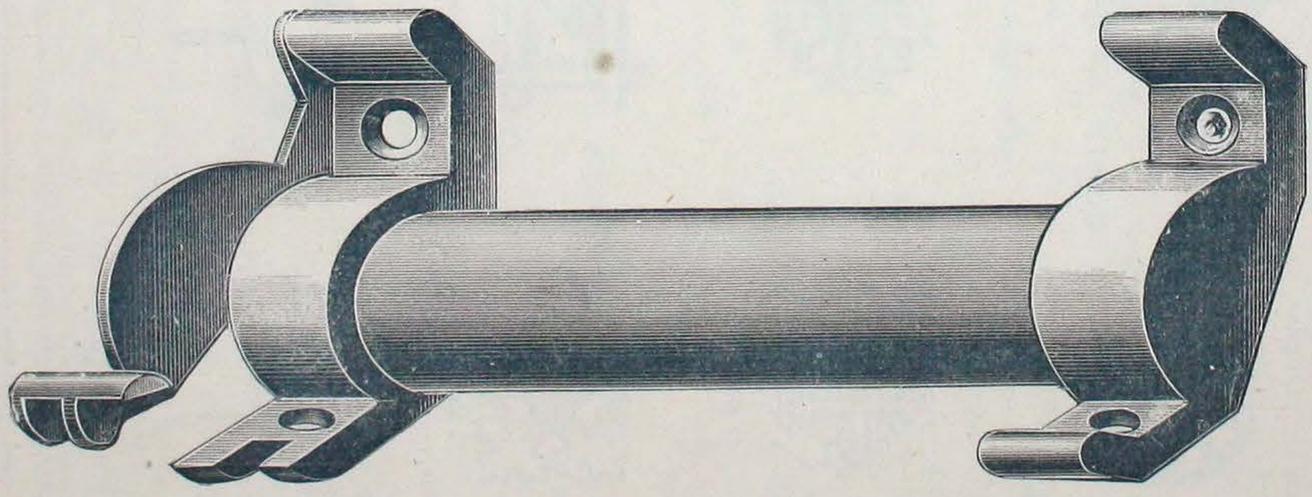
G 4016.—$\frac{5}{8}$ inch, Oval, 9d.; $\frac{3}{4}$ inch, 10½d. per foot.



		$\frac{3}{4}$	$\frac{7}{8}$	1 inch
G 2720.	... ...	1/2		1/9 per foot.
G 4017. – Without ends		5½d.	8d.	10d. ,,



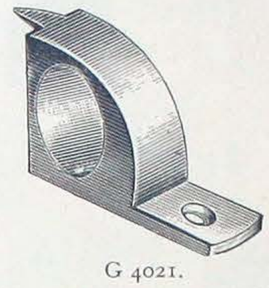
		$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
G 4018.	...	10½d.	1/1	1/3 per foot.



	24	26	28	30	32 inch.
G 2722.—$\frac{3}{4}$ inch, Half round	27/6	28/6	29/6	30/6	31/6 per dozen with eyes.



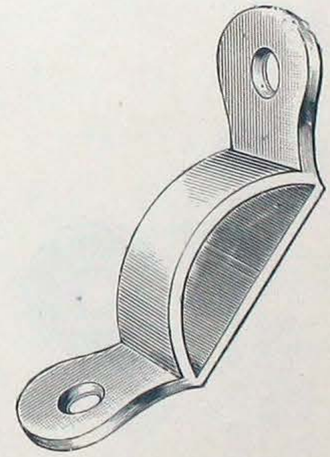
G 4020.
For $\frac{3}{8}$ inch rod.
12/9 gross.



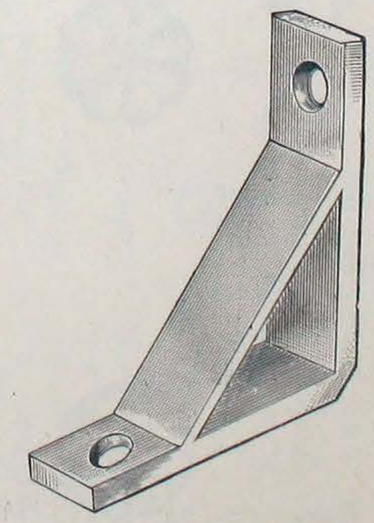
G 4021.
For $\frac{3}{16}$ and $\frac{1}{4}$ inch rod, 5/9 gross.

G 4021.—Best.

For $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ inch rod.
6/6 7/6 9/6 13/- gross.



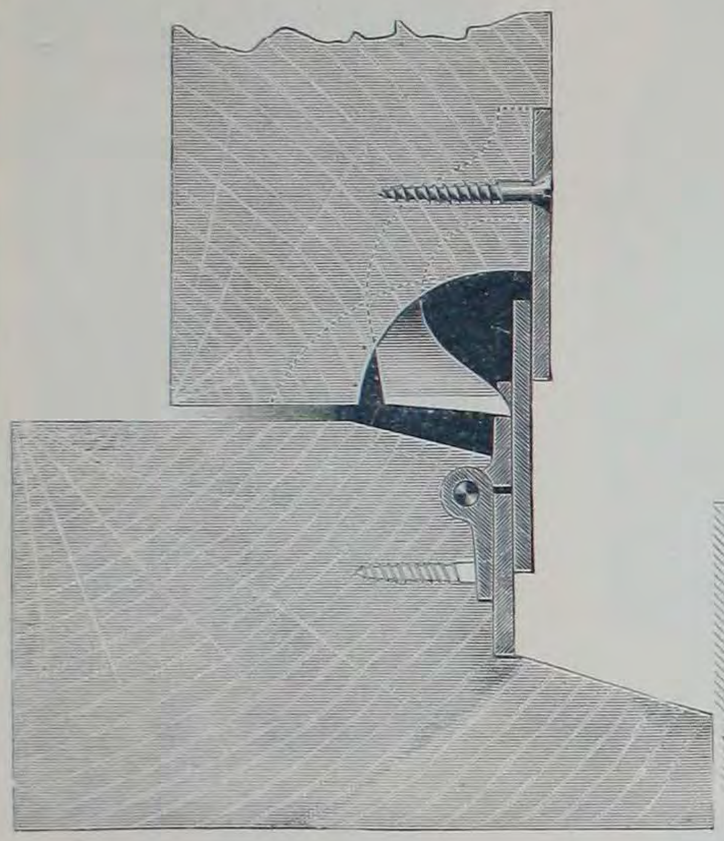
For $\frac{3}{4}$ $\frac{7}{8}$ 1 in. rod.
G 4026. – 3/3 4/3 4/9 dozen.



For $\frac{3}{4}$ $\frac{7}{8}$ 1 in. rod.
G 4027.— 3/6 4/6 5/- dozen.

WATER BARS AND WALL TIES.

PATENT WEATHER TIGHT SILL BARS.

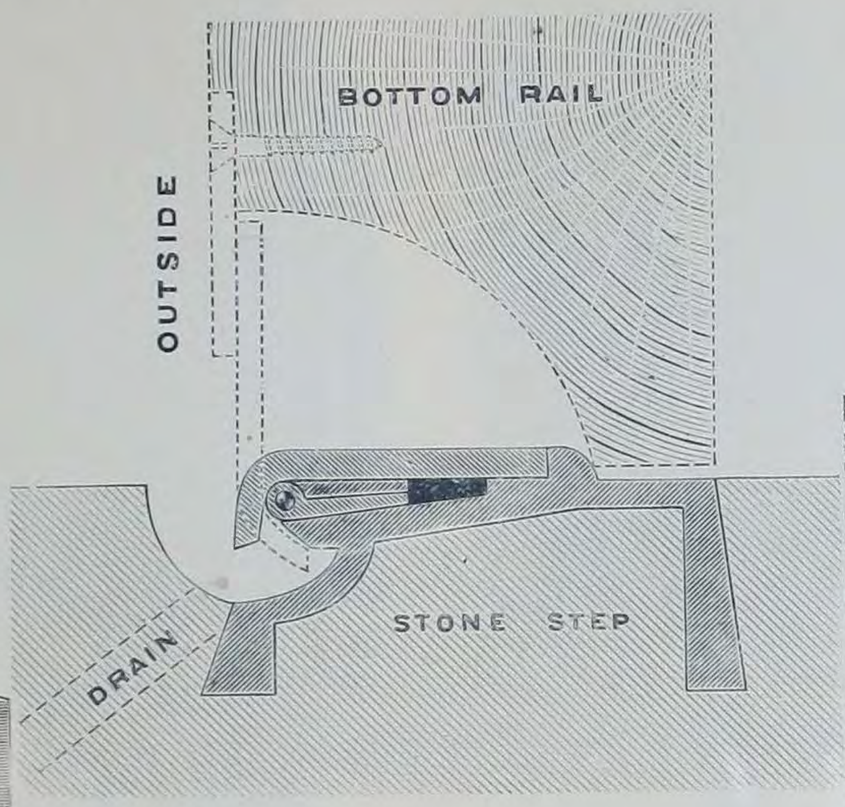


G 6080.—FOR FRENCH CASEMENTS OPENING INWARDS.

Improved action. Applicable to casements 1½ inches thick and upwards. In ordering, please state the extreme width of opening, and the hand.

Iron, galvanized, per ft. run	...	...	3/- any length
Iron, painted	,,	...	2/6 ,,
Copper	,,	...	4/6 ,,
Brass	,,	...	4/- ,,

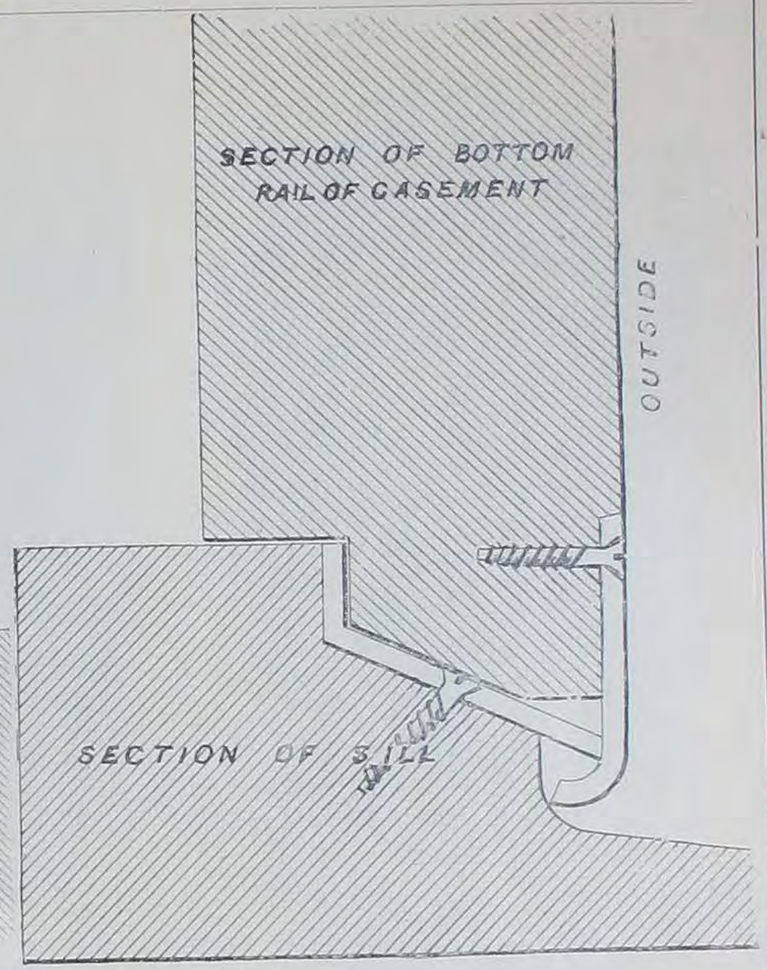
All Iron Bars are fitted with Brass Hinges and Hooks.



G 6079.—FLUSH SECTION—FOR DOORS AND CASEMENTS OPENING INWARDS

Suitable for doors or casements leading to conservatories, gardens, entrance doors, &c., &c. If for stone, should be cemented in; if for wood, holes are drilled for screws, and the lugs are omitted. A narrower section is made for thinner doors. In ordering, please state extreme width of opening, the hand, and if required for wood or stone.

Price per foot run in brass, 13/6 for stone; 11/3 for wood.



G 6078.—FOR FRENCH CASEMENTS OPENING OUTWARDS.

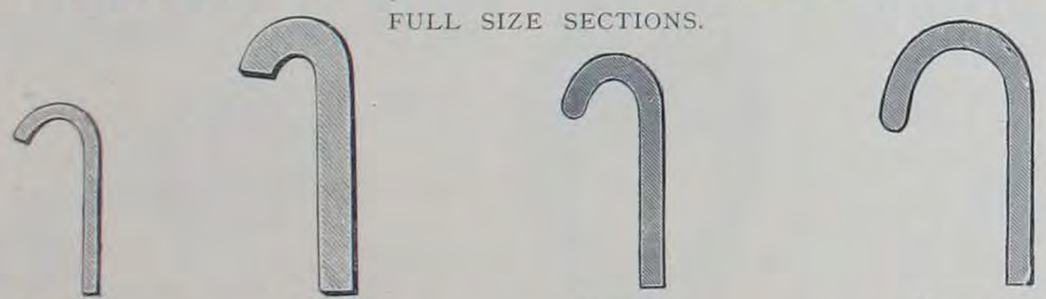
It is impossible for any wet or draught to get through when this bar is used. It is extremely simple, and cannot get out of order and is applicable to all casements above 1¼ inches in thickness. In ordering, please state extreme width of opening.

Price per foot run in brass, 3/- any length. In stouter metal, 4d. per foot extra. In copper, 6d. per foot extra.

A similar article at a lower price can also be supplied. Prices will be quoted on receipt of specification.

HOOK SILL OR WATER BARS, FOR CASEMENTS.

FULL SIZE SECTIONS.



G 6075A. Brass, 9d. per ft.

G 6077A. Brass, 1/9 per foot.

G 2726. Zinc, 5d. per foot.

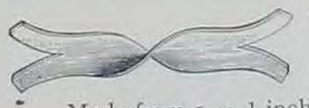
G 2727. Zinc, 8d. per foot.

IRON WALL TIES.



G 6070.—Cast iron, 7½ inch long, weighing 38 lbs. per 100.

Price, Black, 16/- cwt.; Galvanized, 30/- per cwt.



G 6073.—Wrought iron, 8 in. long, weighing 28 lbs. per 100.

Made from 1 × ⅛ inch hoop iron.

Price, Black, 22/- cwt. Galvanized, 28/6 cwt.

G 6074.

Ditto, made from 1¼ × ⅛ inch, Black, 22/- cwt.

,, ,, ,, ,, Galvanized, 28/6 ,,



G 6071.—Wrought iron, 9in. long, weighing 25 lbs. per 100.

Made from ⅛ inch square iron on edge.

Price, Black, 22/- cwt. Galvanized, 28/6 cwt.



G 2728.

Round wire 8 × ¼ in., weighing 14 lbs. per 100.

Price, Tarred, 23/- per cwt.

If less than 1 cwt. 1/- per cwt. extra.

Further details and special prices for large quantities will be sent on receipt of requirements.

COFFIN FURNITURE.

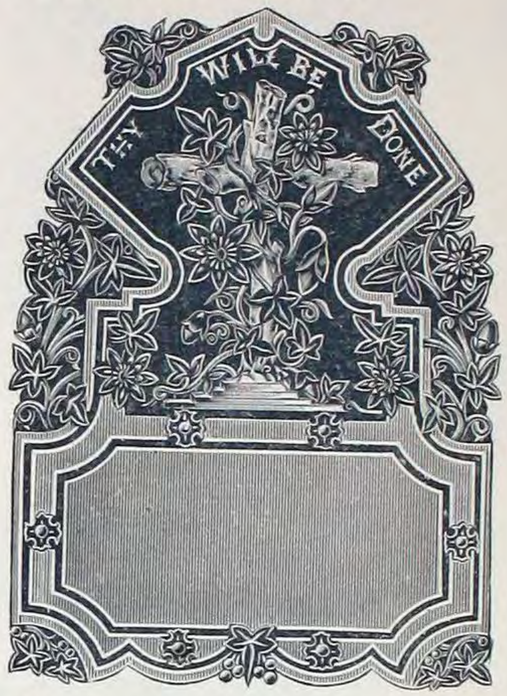
IMPROVED BLACK BREAST PLATES.



G 4030.—19 × 12½ in. ... ... 9d. each.
Ornaments to match ... 4½d. pair.



G 2730.—Men's, 20 × 14 in. ... 9½d. each.
Ornaments to match ... 6d. pair.



G 2733.—Men's, 19¾ × 13¾ in. ... 9½d. each.
Ornaments to match... 6d. pair.



G 2735.—Men's, 20 × 14 in. ... 9½d. each.
Ornaments to match ... 6d. pair.
G 2736.—Women's, 16½ × 12½ in. 8½d. each.
Ornaments to match ... 6d. pair.

IMPROVED BLACK HANDLES AND PLATES.



G 4036.—8½ × 4¾ inch .. ... 6½d. pair.
G 4037.—Do. with plain handle 5½d. ,,



G 2731.—Men's, 10 × 7 inch ... 11½d. pair.
G 2732.—Women's, 8 × 6 inch 11d. ,,



G 2734.—Men's, 9¾ × 6¾ inch ... 11½d. pair.



G 2737.—Men's, 10 × 7 inch ... 11½d. pair.
G 2738.—Women's, 8 × 6 inch 11d. ,,



CHILD'S WHITE BREAST PLATES.

G 4043.— 7 × 5 inch ... 1½d. each.
G 4044.— 9 × 6½ ,, ... 2d. ,,
G 4045.—10 × 7½ ,, ... 2½d. ,,
G 4046.—12½ × 9 ,, ... 3½d. ,,

CHILD'S WHITE GRIPES AND PLATES.



G 4040. —3⅞ × 3 inch ... 3d. pair.
G 4040a. —4½ × 3⅜ ,, ... 3½d. ,,
G 4041. —5 × 4 ,, ... 4d. ,,
G 4042. —6 × 4¾ ,, ... 5½d. ,,
White cherubs to match
G 4042a.—2⅞ × 1⅝ inch ... 2½d. doz.
3¾ × 2 ,, ... 4½d. ,,
4⅝ × 2¾ ,, ... 5d. ,,



SETS of REGISTERED CHILD'S WHITE COFFIN FURNITURE.

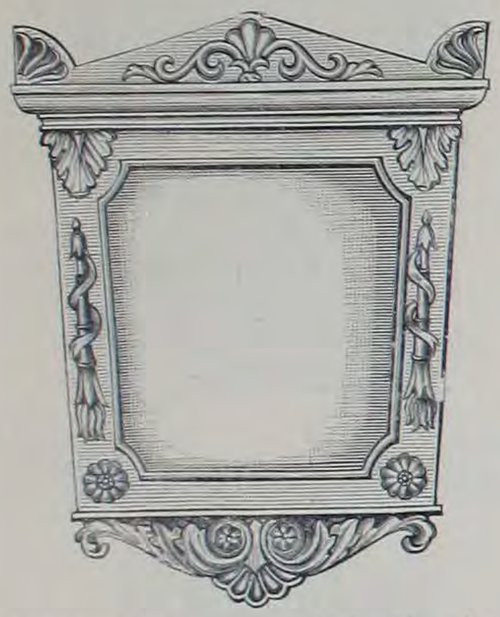


G 4047.—Three pair ... ... 1/10 per set.
Four ,, ... 2/4 ,,
Complete with ornaments.

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COFFIN FURNITURE.

IMPROVED BLACK BREAST-PLATES.



G 4061.—Men's .. 16×13 inch, 9½d. each.
G 4062.—Youths' .. 14½×11 ,, 6½d. ,,
Ornaments to match—
G 4063.—Men's ... 6d. pair.
G 4064.—Youths' .. 4½d. ,,



G 4067.—Men's ... 20×14 inch 9½d. each.
Ornaments to match, 6d. pair.



G 2739.—Men's ...20 ×14 inch, 9½d. each.
G 2740.—Women's 16½×12 ,, 8½d. ,,
Ornaments to match, 6d. pair.



G 2743.—Men's ...19½×13½ inch, 9½d. each.
Ornaments to match, 6d. pair.

IMPROVED BLACK HANDLES AND PLATES.



G 4065.—Men's ... 9½×7 inch, 11½d. pair.
G 4066.—Youths' ... 7 ×5 ,, 9½d. ,,



G 4071.—Men's ... 9½×6¾ inch, 11½d. pair.
G 4072.—Women's 7¾×6 ,, 11d. ,,



G 2741.—Men's ... 9½×6¾ inch, 11½d. pair.
G 2742.—Women's 8 ×6 ,, 11d. ,,



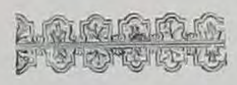
G 2744.—Men's ... 9½×6½ inch, 11½d. pair.

RINGS AND ROSES.



		1¾	2	2¼ inch.
G 4049.—Tinned, wrought rings and loops...		11½d.	1/2	1/5 doz.
,, Japanned ,, ,, ...		9½d.	11½d.	1/3 ,,
		1½	2	2¾ inch.
G 4050.—White Roses for ditto		3d.	3½d.	6d. doz.
,, Black ,, ,, ...		4½d.	5d.	11d. ,,

IMPROVED BLACK LACE.



G 4079.—1⅓ inch wide,
2/1 dozen yards.



G 4080.—2¼ inch wide,
2/9 dozen yards.



G 4081.—2½ inch wide,
3/3 dozen yards.

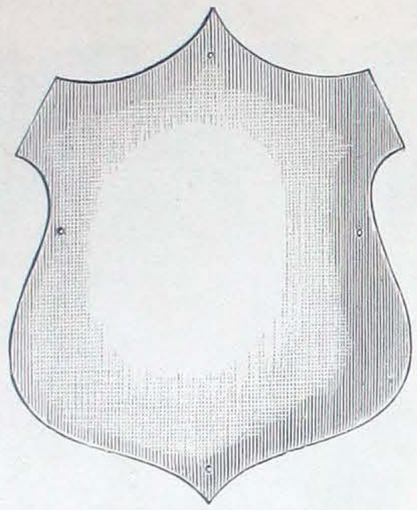


G 4082.—3 inch wide.
3/6 dozen yards.

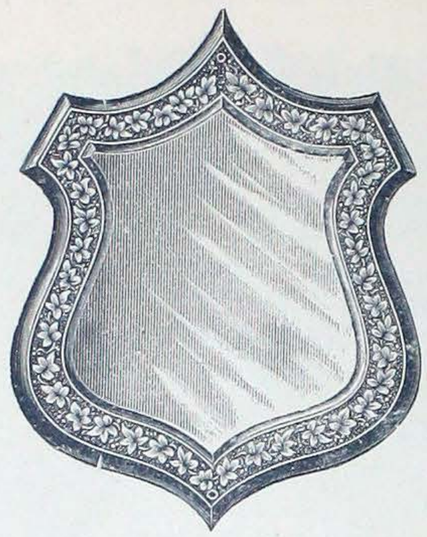
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BRASS AND NICKEL-PLATED COFFIN FURNITURE.

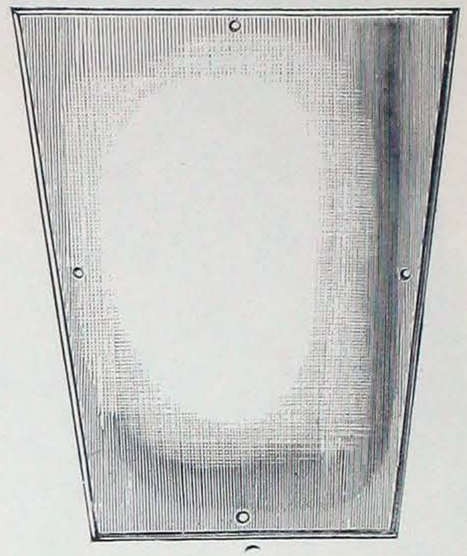
BREAST PLATES.



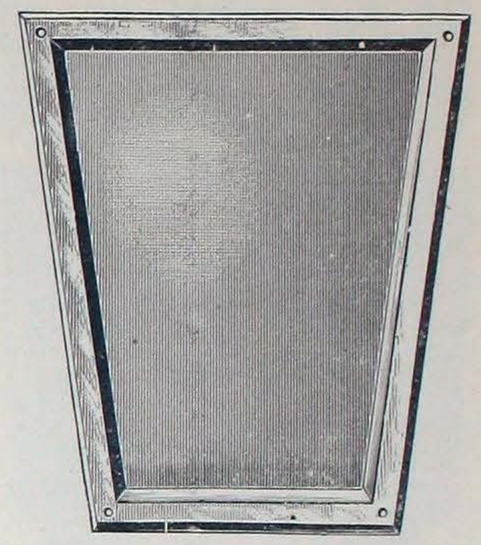
	8	10	12	14	15	16 inch.
G 5010.—Nickel-plated on zinc, turned edges	6½d	9d.	1/-	1/4	1/6	1/8 each.
G 5011.—Brass	1/2	1/6	2/-	3/2	3/8	4/- ,,



G 2750.—Brass ... 15 inch. 4/- each.

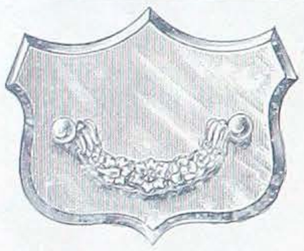


	6	8	10	12	14	15	16 inch
G 5005.—Nickel-plated on zinc, turned edges	4½d.	6½d.	10½d.	1/3	2/-	2/6	3/- each
G 5006.—Brass	—	—	—	—	5/9	6/6	7/3 ,,

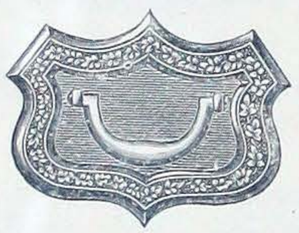


	14	16 inch.
G 2753.—Brass	3/9	4/9 each.
G 2754.—Nickel-plated on zinc	1/2	1/5 ,,

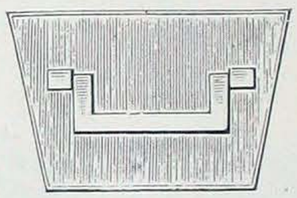
HANDLES AND PLATES.



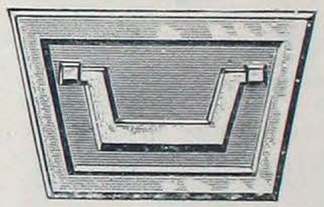
	6	7	8 inch.
G 5012.—Nickel-plated on zinc	8½d.	1/1	1/2 pair.
G 5013.—Brass, plain handle	—	—	4/- ,,



G 2751.—Brass ... ... 8½ inch. 4/3 pair.



	4	5	6	7	8 inch.
G 5007.—Nickel-plated on zinc	9d.	10d.	1/2	1/9	1/10 pair.
G 5008.—Brass ...	—	—	2/-	—	4/3 ,,



	8½ inch.
G 2755.—Brass	5/- pair.
G 2756.—Nickel-plated on zinc, with fancy patent handle	1/8 ,,

RINGS AND ROSES.



2¾ in. outside ring.

G 4098.—Brass, with nut and screw	1/6 each.
G 4099.—Silvered do.	1/9 ,,



2¾ in. outside ring.

G 2757.—Brass, with nut and screw	1/8 each.
G2758.—Silvered do.	1/11 ,,

COFFIN NAILS.



Size Nos.	1	2
G 4083.—Black	3/-	2/8 packet 4D
G 4084.—Black Bullin	2/-	,,



	¾	1¼ inch
G 2284.—Brass	3/-	4/- gross
G 2285.—Silvered	4/-	5/- ,,

SCREW COVERS OR WREATH HOLDERS.



G 2759.—Brass,	5/3 dozen.
G 2760.—Nickel-plated,	6/- ,,

COFFIN SCREWS.



G 4086.

	2	2¼	2½ inch.
G 4086.—Japanned, round head, ⅝ inch head	5/-	5/6	6/6 gross.
G 4087.—Japanned, round head, ¾ inch head	9/-	—	— gross.
G 2761.—Brass, round head, ⅝ inch head	1/1	—	1/3 dozen.
G 2762.—Brass, round head, ¾ inch head	1/7	—	1/9 ,,
,, Silvered do. ...	1/10	—	2/- ,,
G 2763.—Brass, square head, 9/16 inch head ...	2/10	—	3/- ,,
,, Silvered do. ..	3/4	—	3/6 ,,
G 2764.—Heavy, square head, ⅝ inch head	3/6	—	3/8 ,,
,, Silvered do. ...	4/-	—	4/2 ,,



G 4087. to G 2762.



G 2763-4.



G 4091-4.



G 4095-6.

	2	2¼	2½ inch.
G 4091.—Japanned, square head, ⅝ inch head	—	—	1/- dozen.
G 4092.—Brass, ditto, ⅝ inch head	—	2/6	- ,,
G 4094.—Silvered ditto, ⅝ inch head	—	2/10	— ,,
G 4095.—Fancy brass head, ½ inch head	3/-	—	— ,,
G 4096.—Ditto silvered, ½ inch head	3/3	—	— ,,

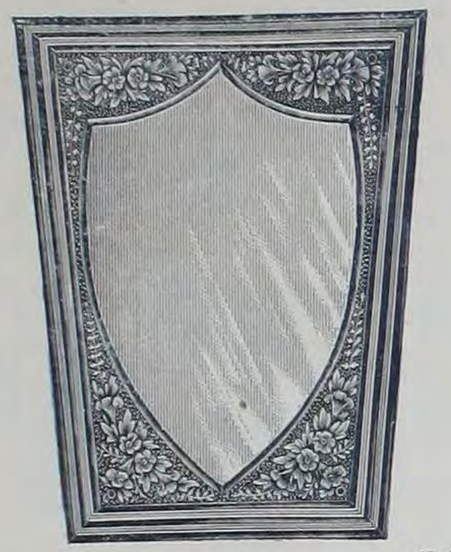
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BRASS AND NICKEL-PLATED COFFIN FURNITURE.

BREAST PLATES.



G 5017.—Brass ... 15 inch 8/9 each.
G 2766.—Nickel-plated on zinc ,, 6/6 ,,
G 2782.—Best brass, plain corners, 16in. 11/- ,,



	16½ inch.
G 2769.—Brass	5/9 each.



	16 inch.
G 2772.—Brass	4/2 each.



	17 inch.
G 2774.—Brass	5/3 each.

HANDLES AND PLATES.



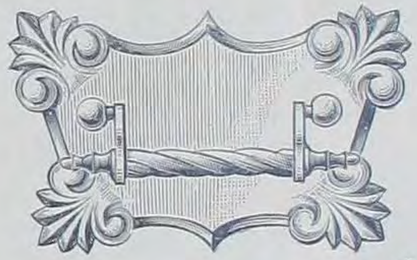
	8¾ inch.
G 5015.—Brass	6/- pair.
G 2767.—Nickel-plated on zinc ...	6/3 ,,
G 2783.—Best brass, plain corners, 9in.	8/9 ,,



	9½ inch.
G 2770.—Brass	6/3 pair.



	9 inch.
G 2773.—Brass	4/6 pair.



	9½ inch.
G 2775.—Brass	6/- pair.



	10 inch.
G 5016.—Brass	4/9 pair.
G 2768.—Nickel-plated on zinc ...	5/- ,,



	5/6 pair.
G 2771.—Brass ...	7¾ inch.

CLIPS.



G 2776.—Brass	3/9 doz.
G 2777.—Nickel-plated on zinc	2/- ,,



G 2778.—Brass	3/- doz.
G 2779.—Nickel-plated on zinc	1/9 ,,



	doz.
G 2780.—Brass	3/6
G2781.—Nickel-plated on zinc ...	2/- doz.

CROSSES.



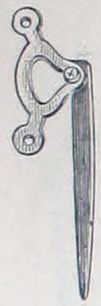
	6	8	10	12	14 inch.
G 5002.—Brass head ...	—	—	—	3/-	4/6 each.
,, foot to match	—	—	—	2/1	2/10 ,,
G 5001.—Nickel-plated on zinc head ...	3d.	4d.	9d.	1/-	1/6 ,,
Do., foot to match	2½d.	3d.	6d.	8d.	10d. ,,



	12 inch.
G 5003.—Brass head	8/- each.
,, foot to match ..	7/6 ,,
G 5004.— ,, head, plain centre ...	4/3 ,,
,, foot to match ...	3/9 ,,

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BRASS BELL FURNITURE.



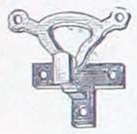
SIDE DRIVING CRANKS.

	1	2	3 fly.
G 5026.—Light sanded ...	1/8	—	— dozen.
G 5027. ,, burnished ...	1/11	3/3	— ,,
G 5028.—Medium, rough ...	2/4	—	— ,,
G 5029. ,, burnished	3/-	5/3	7/6 ,,
G 5030.—Strong ,, ...	3/10	6/6	— ,,



END DRIVING CRANKS.

	1	2	3 fly.
G 5031.—Light sanded ...	1/8	—	— dozen.
G 5032. ,, burnished ...	1/11	3/3	— ,,
G 5033.—Medium, rough ...	2/4	—	— ,,
G 5034. ,, burnished	3/-	5/3	7/6 ,,
G 5035.—Strong, ,,	4/4	6/6	— ,,



LEADER CRANKS.

	1	2	3	4	5	6 fly.
G 5036. ...	7/-	10/-	13/3	16/6	21/-	26/6 doz.
G 5037.—Strong	8/-	12/3	16/-	20/-	25/-	31/6 ,,
G 6670.—Extra strong	16/9	25/6	32/-	41/6	—	— ,,



PILLAR CRANKS.

	1	2	3	4	5	6 fly.
G 5038. ...	8/9	10/6	14/3	18/9	—	— doz.
G 5039.—Strong	10/3	14/3	18/3	25/9	32/-	37/6 ,,
G 6671.—Extra strong	22/9	30/9	40/-	49/6	—	— ,,



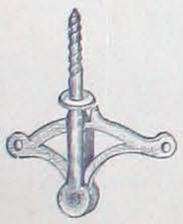
TURNOVER CRANKS.

	1	2	3 fly.
G 5040.	5/9	8/3	11/6 doz.
G 5041.—Strong ...	8/3	11/6	16/- ,,



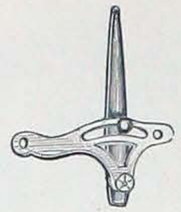
MORTICE CRANKS.

	1	2	3	4 fly.
G 5042.	10/-	13/9	18/3	— doz.
G 5043.—Strong	12/-	16/-	21/-	26/6 ,,



CEILING CRANKS.

G 5044. ... ... 21/6 dozen.



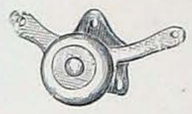
DRIVING PURCHASE CRANKS.

G 5045. ... ,, 3/8 dozen.

SPRING PURCHASE CRANKS.



G 5046.



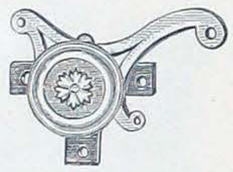
G 5047.



G 5048-50.

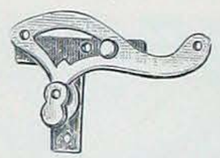
G 5046	9/6 dozen.
G 5047	7/- ,,
G 5048	10/6 ,,
G 5049.—Stronger	11/3 ,,
G 5050.—Fancy rose	14/3 ,,

STRONG SPRING PURCHASE CRANKS.



G 5051.

G 5051, 33/9 dozen.
G 5052, 19/3 ,,

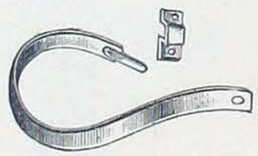


G 5052.



BELL CARRIAGE SPRINGS.

	Size Nos. 2	3
G 5053	1/9	2/- dozen.



SHUTTER BELL SPRINGS.

G 5054 ... ... 2/6 dozen.



BELL SPRINGS.

G 5055.—Single coil, light	1/10 dozen.
G 5056.— ,, ,, stronger, with iron nut and screw	2/10 ,,
G 5057.—Double coil, light ...	2/10 ,,
G 5058.— ,, ,, stronger, with brass nut and screw	5/- ,,

WHEEL AND CHAIN CRANKS.



G 5060. 7/6 doz.



G 5061. 10/- doz.



G 5062. 10/- doz.



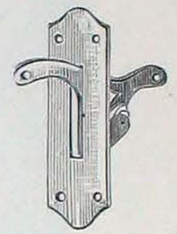
G 5063. 10/- doz.



G 5064. 12/6 doz.



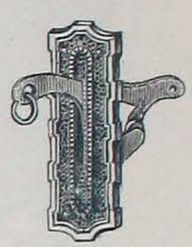
G 5065. 12/6 doz.



G 5066.

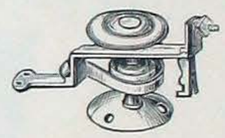
SPRING PURCHASE CRANKS.

G 5066 ... ... 2/6 each
G 5067.—Lacquered or bronzed 2/8 ,,

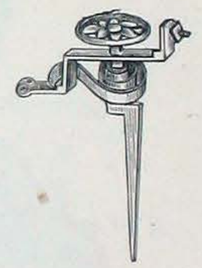


G 5067.

BELL CARRIAGES, ON PLATES.



G 5068.—Light, with bronzed plates	8/- doz.
G 5069.—Medium ,, ,, ,,	12/3 ,,
G 5070.— ,, ,, brass T ,,	11/6 ,,
G 5071.—Strong ,, japanned iron plates	22/6 ,,
G 5072.—,, ,, burnish'd brass ,,	27/- ,,
G 6672.—Extra strong ditto	46/- ,,



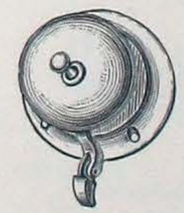
BELL CARRIAGES, TO DRIVE.

G 5073.—Light, with plain rose ...	7/9 doz.
G 5074.— ,, ,, fancy ,, ...	9/- ,,
G 5075.—Medium,, plain ,, ...	13/9 ,,
G 5076.—Strong ,, knob ,, ...	21/6 ,,
G 5077.—Extra ,, ,, ,, ...	40/- ,,



HOUSE BELLS.

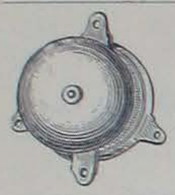
G 5078.—Turned edge, from 6 ozs. to 4 lbs.
G 5079.— ,, and lacquered ,, ,,
For Rough Turret, *see page* 230.



DOOR ALARMS.

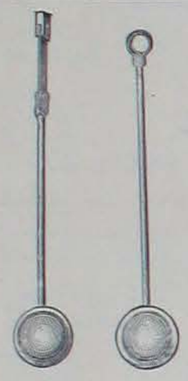
	3	3½	4 inch.
G 5081	3/9	4/9	6/3 each.
G 5081A.—Lighter	2/6	—	— ,,

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.



STRAIGHT PULL ALARMS.

		3	3½	4	5	6 inch.
G 5082	...	3/4	4/6	6/-	9/9	15/3 each.



BELL PENDULUMS, WITH SPRINGS OR EYES.

		1¾ inch.
G 5083.—Brass rose	... ...	9/9 dozen.
G 5084.—China ,,	... ...	9/6 ,,



GUIDE BOXES.

G 5085.—5 inch ... ... 20/- dozen.



WIRE GUIDES.

G 5086 ... ... 1/8 dozen.



G 5087.—On plate or to drive ... 3/10 ,,



BELL TRIGGERS.

G 5088 .. .. 12/9 dozen.



CHECK SPRINGS.

			5	6 inch.
G 5090.—Steel Wire	... ..	...	11½d.	1/1 dozen.
G 2791.— ,, ,, Strong	... ..		7×½ inch	3/9 ,,



BELL LEVER CHAINS.

G 5091.—4½ inch	... ...	1/7 dozen.
G 5092.—5 inch, stronger	...	1/9 ,,



TINNED BELL STAPLES.

		½	¾	1	1½ inch.
G 5093	... ...	2d.	2d.	2½d.	3½d. gross.



STRAIGHT BURNER SOCKETS.

		⅜	½ inch.
G 6006.—For brass	... ...	1/6	2/2 dozen.



G 6007.—With gallery	...	3/6	4/3	,,
G 2792.—Without gallery	...	1/6	2/3	,,



ELBOW BURNER SOCKETS.

		¼	⅜	½ inch.	
G 6008.—For brass	...	—	2/2	2/10	dozen.
,, For iron	...	2/10	3/10	—	,,
G 6009.—With gallery, for brass			4/3	—	,,
G 2793.—Without gallery	,,		2/3	—	,,



PENDANT TOPS.

		¼	⅜	½	¾ inch.	
G 6010.—For brass		—	10/6	12/9	—	dozen.
,, For iron		15/6	20/3	28/3	41/3	,,



BRACKET BACKS.

		¼	⅜	½ inch.	
G 6011.—For brass	...	—	14/6	17/-	dozen.
,, For iron	...	17/9	25/-	41/3	,,



WING BACKS.

		¼	⅜	½ inch.	
G 6012.—For brass	...	—	7/-	8/6	dozen.
,, For iron	...	8/6	13/6	24/-	,,



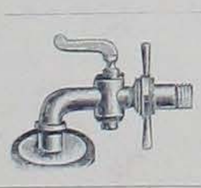
UNION COCKS.

		⅜	½ inch.	
G 6013.—For brass	... ...	8/-	9/9	dozen.



FLEXIBLE TUBE BACKS.

		⅜	½ inch.	
G 6014.—For brass	...	13/6	15/9	dozen.
,, Bronzed	...	15/-	18/-	,,



ELBOW LEVER COCK.

		⅜	½ inch Brass.	
G 2798.—Dead Lacquered		2/5	2/10	each.



CEILING PLATES.

		¼	⅜	½	¾	1 inch.	
G 6015.—For brass		—	5/-	6/6	10/3	14/-	dozen.
,, For iron		4/-	5/-	6/9	10/-	14/-	,,



CUP AND BALL JOINTS.

		⅜	½	¾	1 inch.	
G 6017.—Iron, male and female		16/6	20/6	26/3	49/-	dozen.



ELBOW COCKS.

		¼	⅜	½ inch.	
G 6018.—For brass	...	—	7/-	7/6	dozen.
,, For iron	...	9/-	10/3	11/3	,,
G 2790.—For brass, screwed for gallery		—	7/6	—	,,
,, For iron ditto		9/9	—	—	,,



NOSE COCKS.

		¼	⅜	½	¾ inch.	
G 6019.—For brass		—	6/3	6/9	10/3	dozen.
,, For iron		6/9	9/-	10/3	—	,,



GAS COCKS.

		⅜	½ inch.
G 6021.—For brass	... ...	6/-	7/- dozen.



PIPE LIGHTS.

G 6022.—For brass, ¼ inch ... ... 3/10 dozen.



FLEXIBLE TUBE AND BURNER COCKS COMBINED.

G 6023.—For brass, ⅜ inch ... .. 15/6 dozen.



ROUGH TEE JOINTS.

		⅜	½ inch.	
G 6024.—For brass	... ...	2/3	3/6	dozen.



ROUGH ELBOW JOINTS.

		⅜	½ inch.	
G 6025.—For brass	... ...	2/-	2/10	dozen.



NOSE PIECES.

		⅜	½ inch.	
G 6026.—For brass	... ...	1/5	1/11	dozen.



G 6027.—For brass ... ... 2/11 — ,,

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BRASS GAS FITTINGS.

PENDANT BODIES.



	¼×⅛	⅜×¼	½×⅜	¾×½ nch.
G 6028.—For iron	8/-	11/-	17/3	24/- dozen.

SINGLE SWIVELS.



G 6029.	¼×⅛	¼	⅜×¼	⅜	½×⅜	½ inch.
For brass ...	—	—	—	—	6/-	6/6 dozen.
,, iron ...	7/-	8/9	9/9	11/3	13/3	18/9 ,,

DOUBLE SWIVELS.



G 6030.	¼	⅜	¼×⅛	⅜×¼	½×⅜ inch.
For brass ...	—	—	—	—	8/- dozen.
,, iron ...	9/-	11/9	8/-	10/6	17/6 ,,

UNIVERSAL SWIVELS.



	⅜×¼	½×⅜ inch.
G 6031.—For brass ...	—	12/6 dozen.
,, iron ...	18/9	30/- ,,

G 6032.

UNION JOINTS.



	⅜	½	¾ inch.
G 6032.—For brass ...	3/2	4/-	8/6 dozen.
G 6033.— ,, ...	4/6	5/6	— ,,

G 6033.

DIMINISHING PIECES.

G 6034.



G 6035.



G 6036.

					½×⅜ inch.
G 6034.—For brass					1/1 dozen.
G 6035.— ,, ...					2/4 ,,
G 6036.—	¼×⅛	⅜×¼	½×⅜	¾×½	1×¾ inch.
For iron ...	1/2	1/6	2/3	3/4	4/9 dozen

CAPS AND LININGS.



	⅜	½	¾	1 inch.
G 6037.—For iron, tinned ...	2/2	2/10	4/6	7/6 dozen.

CONNECTING PIECES.



	⅜	½	¾ inch.
G 6038.—For brass ...	1/3	1/7	4/- dozen.



	⅜×1¾	½×2 inch.
G 6039.—For brass and tinned	1/-	1/3 dozen.



G 6040.—For brass and tinned ... ⅜×1×1 inch. 1/5 dozen. ⅜×1½×1½ inch. 1/8 dozen. ⅜×2×2 inch. 2/- dozen.

STOP CAPS.



	⅜	½ inch.
G 6041.—For brass	1/-	1/7 dozen.

THREE-LIGHT CLUSTER BURNERS.



G 6043.

G 6045.

	Female.	Male.
G 6043.—For ⅜ in. Brass ...	12/6	13/3 dozen.
G 6045.— Ditto	15/-	15/9 ,,

GAS BURNERS.



G 2801.—Special slit union screwed for globe holder, 21/- gross. 2/- dozen.



G 2802.—Codac gas economiser ... ... 7/- gross. 9d. dozen.



G 6048.—Enamel regulators, Nos. 1 to 8 ... 7/6 gross. 9d. dozen.

For Argand Burners, see our Chandelier Section.

OUTSIDE LAMP TOP.



½ inch Iron.

G 6049.—Green bronze ... ... 3/3 each.

GLASS HOLDERS.



G 6051.—Stamped ... ... 1/3 dozen.
G 6052.— ,, circular with three screws ... ... 4/6 ,,

NOSE PIECES FOR FLEXIBLE TUBE.



G 6053.—For ⅜ in. brass, Male ... ... 2/6 dozen.
Female ... 1/7 ,,

COCKS FOR FLEXIBLE TUBE.



	⅜	½ inch.
G 6054.—For brass, Male ...	8/3	9/6 dozen.
Female ...	7/6	8/9 ,,

PLUG COCKS.



	⅜	½ inch.
G 6055.—Tinned ends	6/3	7/6 dozen.

PLUG COCKS.



G 6056

	⅜	½	⅝	¾ inch.
Tinned ends and unions	11/3	13/6	21/-	26/3 dozen.

TIGHTED UNIONS.



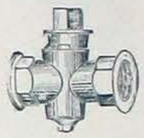
	⅜	½	⅝	¾ inch.
G 6057.—Tinned ends ..	3/2	3/10	5/6	7/9 dozen.

TEE JOINTS.

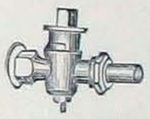


	⅜	½	⅝ inch.
G 6058.—Tinned ends ...	7/3	9/-	12/- dozen.

MAIN COCKS.

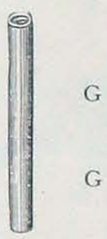


	½	¾	1	1¼	1½ inch.
G 6059.—For iron	1/5	2/1	4/2	—	— each.



G 6060.—For iron tinned end	1/6	2/6	4/8	8/6	12/6 each.		
G 2794.—Do. with T head	1/6	2/-	—	—	—	—	,,
G 2795.—Malleable Iron Spanners for ditto	1½d.	2d.	3d.	5d.	6d.	,,	

GAS TUBES.



G 2796.—Extra stout red, solid rubber, not wired, ⅜ inch ... 5½d. foot.

G 6922.—Braided with India-rubber Connections, in 4, 6 and 8 feet lengths ... 5d. foot.

GAS TAP PLATE.



G 2797.—3 inch ... ... 10d. each.

ATMOSPHERIC BURNERS FOR GAS FIRES.



G 2799.—3½ × ⅜ inch, Brass ... ... 6/- dozen.



G 2800.

	3	4	5	6 inch.
Air Bulbs, ¾ × ⅜ inch, Brass				7/9 ,,
Brass Tubes for ditto	3/6	4/-	5/-	6/- dozen.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

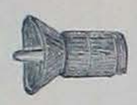
MOUTHPIECES AND WHISTLES.



G 5096–G 2804.

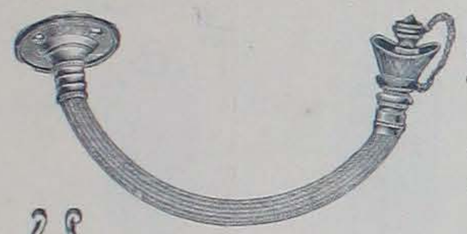


G 5098–G 2805.



G 2806.

G 5096.—Cocus wood, screwed for ½ or ¾ in. iron pitch	...	...	10/-	dozen.
G 5097.— ,, ,, with indicator	...	...	12/-	,,
G 2803.—Ebony ,, without indicator	do.	...	12/-	,,
G 2804.— ,, ,, with indicator	do.	..	13/6	,,
G 5098.— ,, ,, do.	do.	...	1/10	each.
G 2805.—Cocus, do.	do.	...	1/8	,,
G 2806.—Cocus, with indicating whistle,	do.	...	1/9	,,



G 2808.—Complete with oval cocus or ebony mouth pieces and whistles, brass mount and braided tube—

12	18	24	30	36 inch.
4/9	5/3	5/9	6/3	6/9 each.



G 2810.—Speaking tube hook ... ... 5½d. each.



G 2811.—Spring terminal or cue holder with white bone knobs .. .. 5d. ,,

FLEXIBLE TUBE, WORSTED COVERED, ANY COLOUR.



	Outside diameter ¾	⅞ inch.
G 6002	8½d.	10½d. foot.

METAL TUBES FOR SPEAKING TUBES.

	Internal diameter ⅝	¾ inch.
G 5100.—Iron for underground, or where tubes are liable to get damaged		foot.
G 5101.—Ditto, galvanized		,,
G 5102.—Composition for internal work		,,

CONNECTING PIECES.



G 5103.



G 6003.



G 6004.



G 6005.

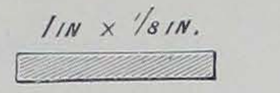
		½	¾ inch.
G 5103.—For connecting mouthpiece to metal pipe, iron pitch	...	8/3	10/3 dozen.
G 6003.— ,, ,, ,, ,, ,, ,, ,,	...	3/-	4/6 ,,
G 6004.— ,, ,, ,, flexible tube ,, ,,	...	5/-	6/6 ,,
G 6005.— ,, ,, ,, ,, ,, to pipe, ditto		5/3	7/- ,,

The ½ inch fittings are suitable for working with ⅝ inch composition tube.

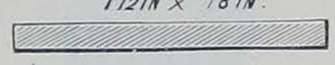


	¼	⅜	½	¾ in. iron gas pipe.
G 2812.—Brass pipe clips ...	9d.	1/1	1/6	1/10 per dozen.

	¼	⅜	½	¾	1	1¼	1½	2 in. iron gas pipe.
G 2813.—Tinned Steel	3½d.	4d.	5d.	6½d.	8½d.	11d.	1/3	2/- dozen.



1IN × ⅛IN.



1½IN × ⅛IN.

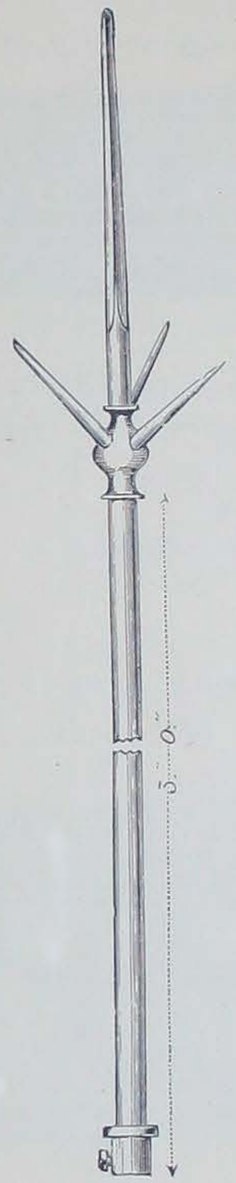
G 6082

SOLID COPPER TAPE CONDUCTORS, IN CONTINUOUS LENGTHS

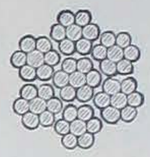
Recommended as the most efficient safeguard against damage by lightning. It is easily fitted around bends, cornices, or other ornamental work; is neat in appearance, and resists atmospheric action better than copper rope.

Prices, complete with plain elevating tube and all fittings necessary for fixing—

¾ inch × ⅛ inch	..	1/- per foot.
1 inch × ⅛ inch	...	1/3 ,,
1½ inch × ⅛ inch	...	1/8 ,,







G 6083.

COPPER ROPE CONDUCTORS.

Price, complete, with plain elevating tube and all fittings necessary for fixing—

⅜ inch Copper Rope	...	per foot.
½ inch ,, ,,	...	,,
⅝ inch ,, ,,	...	,,

If Insulated, per foot extra, but we do not recommend Insulators.

Prices on receipt of lengths.

Four-way Points, as drawn, 7/6 extra.

Copper Earth Plates, 36 inches × 24 inches × $\frac{1}{16}$ inch, of high conductivity copper, with serrated edge ... 31/- each.

Nickel-plating points, to prevent oxidation ... ... 4/6 extra.

For buildings up to 50 feet high, we advise ¾ inch × ⅛ inch tape.
,, ,, 100 feet ,, ,, 1 inch × ⅛ inch ,,
,, ,, 200 feet ,, ,, 1½ inch × ⅛ inch ,,

In fixing, great attention should be paid to all joints, which should be soldered or brazed together.
The conductors should in all cases be carried about 20 feet from the building into permanently damp ground
The above prices are for not less than 60 feet, measuring over points.

Illustrations are about one-sixth full size. The illustrations of Connections for Speaking Tubes represent but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

ELECTRIC BELL FURNITURE.

IRON FRAMED BELLS.

In Walnut Boxes.

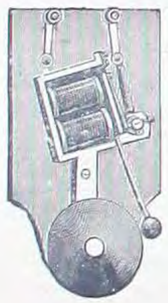


G 2816.

2¾ in.	...	28/- doz.	2/6 each.
3 ,,	...	31/- ,,	2/9 ,,
3½ ,,	...	36/6 ,,	3/3 ,,
4 ,,	...	47/- ,,	4/3 ,,

BEST QUALITY.

In Mahogany or Walnut Boxes.



G 6600.

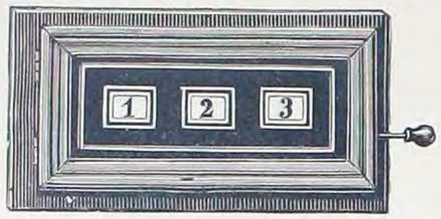
3 in.	...	...	6/3 each.
3½ ,,	...	...	7/6 ,,
4 ,,	...	...	10/- ,,

CONTINUOUS RINGING BELLS.

3 in.	...	...	10/9 each.
3½ ,,	...	...	12/- ,,
4 ,,	...	...	14/6 ,,

INDICATORS,

With Mechanical Replacement.

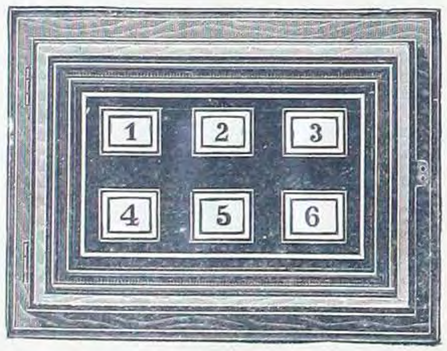


G 2817.

In Polished Case, handsome Teak Mouldings, and Glass, Gold Lined.

With 2 or 3 Nos. ...	..	per No. 3/9.
,, 4 to 7 ,, ...	...	,, 3/4.
,, 8 Nos. and upwards ...		,, 3/3.

With Self-replacing Pendulum Movements.



G 2818

In Cases the same as G 2817.

With 2 or 3 Nos. ...	...	per No. 3/4
,, 4 to 8 ,, ...	...	,, 2/11
,, 9 Nos. and upwards ...		,, 2/10

3 in. Bells fitted on Indicators, 3/3 each.

Gold Lettering, including name and address, 5d. per hole extra.

Or if name and address only, 1/3 per Indicator extra.

PULL BOXES.



G 6606.

For ordinary Bell Rope, 3/3.

PEAR PRESELLES.



With six feet of Silk Cord and Rose.

G 2813.
Ordinary ... 1/6 each.

G 2814.
Medium ... 1/10 ,,

G 2815.
Best ... 2/3 ,,

COMBINED PRESELLES AND MOUTHPIECES FOR SPEAKING TUBE.



G 2826.—5½ × 3¼ in.

Brass, 14/6 each.



G 2827.—7⅞ × 3½ in.

Brass, 9/6 each

PRESELLES AND PULLS.



G 6610.
2½ in. Ebonized, Boxwood, Cocus Wood, or Walnut, 1/- each.



G 6611.
Ebonized, Oak, or Walnut,
2 2½ 3 in.
3½d. 5½d. 7½d. each.
Best ditto,
2 2½ 3 in.
8½d. 10½d. 1/1 each.



G 6612.
China, with Ebonite back, plain white, black, or cream,
2½ 3 in.
1/1 1/3 each.
Ditto, ditto, gold lines,
2½ 3 in.
1/3 1/6 each.



G 6613.—Brass,
2½ 3 in.
1/9 2/- each.



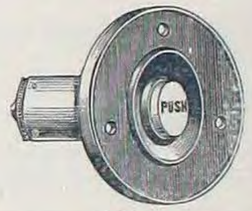
G 2820.—Machine made Brass,
3 × 1⅜ in., 1/1 each.



G 2821.—Brass,
3½ in. × 1½ in.,
2/6 each.



G 6616
Polished Brass,
1/6 each.



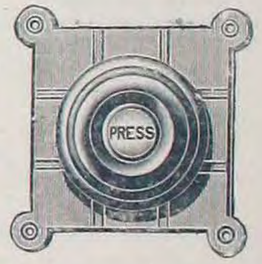
G 6617.
Bronzed, or Polished
2 2½ 3 4 in.
2/4 2/6 3/2 3/9 ea.



G 6618.
Bronzed Brass, raised centre, flat back,
2½ 3 3½ 4 in.
1/1 1/5 1/10 2/2 ea.



G 2203.
Brass,
3¾ in., 4/- each.

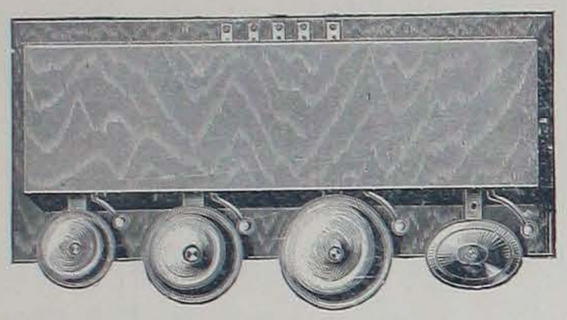


G 644. Brass	4	4½	5	6 in.
	4/9	5/9	6/3	7/6 ea.
G 2823. To pull out	7/-	7/6	8/3	9/9 ,,

A large assortment of higher class Preselles for selection sent on receipt of requirements.

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

ELECTRIC BELL BOARDS OR CHIME BELLS.



G 2840.

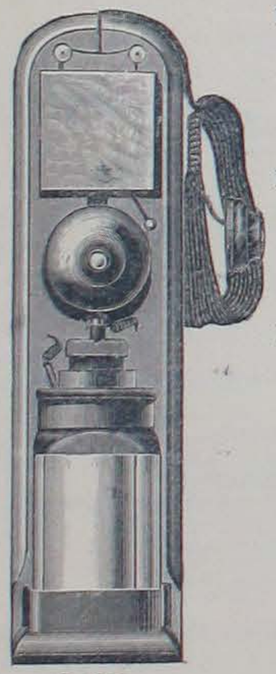
Each bell having a different and distinct tone.

Specially recommended for small houses, instead of indicators. Mounted with any kind of gong. In walnut polished cases.

Set of 2 bells of different tone	...	...	7/-
,, 3 ,, ,, ,,	...	...	10/-
,, 4 ,, ,, ,,	...	...	12/6
,, 5 ,, ,, ,,	...	...	17/-
,, 6 ,, ,, ,,	...	...	21/-

AMATEUR SETS OF BELLS IN CARDBOARD BOXES.

G 2838.



G 2839.

No. 1.—Consisting of 2½ inch bell, Leclanché cell, with sal-ammoniac, 30 feet twin wire, and wood push, per set, 6/3

No. 2.—With 3 inch bell, two Leclanché cells, 60 feet twin wire, wood push, staples, and spare zinc, per set, 9/-

No. 3.—With 3½ inch bell, two Leclanché cells, 90 eet twin I.-R. covered wire, wood push, with staples and spare zinc, per set, 12/6

G 2839.

Mounted on board, as illustrated.

No. 1	...	...	7/6
No. 2	...	...	9/6

THIEF DETECTOR CONTACTS.

For indicating when window or door has been opened,



G 6619.

	3½ × ½ inch.
Brass plate	1/8 each.



G 2834.

Barrel pattern ... ... 3/6 each.



WINDOW BLIND CONTACT.

G 6620.—3/- each.



PULL CONTACT.

G 2835.

With spring .. .. 3/- each.

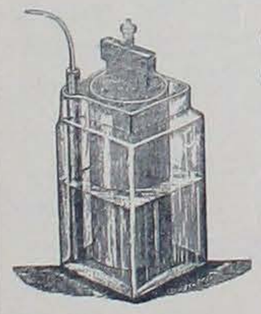


DOOR TRIGGERS.

G 2836.

Single or double action ... ... 2/8 each.

LECLANCHÉ CELLS.



G 6605.

6 inch, per cell, complete, 1/3 or 13/6 dozen.

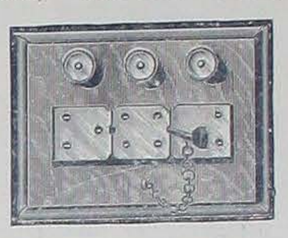
Sal ammoniac ... ... 9d. per lb.

Parts for Replacements:

Porous Cells and contents only	8d. each.
Glass Jars	5d. ,,
Zinc Rods	3½d. ,,

G 2829.—Dr. Lessing's Dry Batteries, 7½ in. high × 3 in. diameter, 3/3 each or 35/- per dozen.

PEG SWITCH, WITH PEG & CHAIN.



	1	2	3	4	5	6 way.
G 2830. ...	2/-	3/-	4/-	5/-	6/-	7/- each.

LEVER SWITCH.



G 2831.

1 way	1/6 each.
2 ,, ...	1/8 ,,
3 ,, ...	1/10 ,,
4 ,, ...	2/2 ,,
5 ,, ...	2/4 ,,
6 ,, ...	2/6 ,,

DOUBLE COTTON COVERED AND PARAFFINED LINE WIRES.

G 2832.

B.W.G.	Per 110 yards.	Per mile.
22	3/-	£1 15 0
20	3/9	£2 13 6

INDIA-RUBBER COVERED LINE WIRES.

G 2833.

Tinned copper wire, covered with pure India-Rubber, double cotton covered and paraffined.

B.W.G.	Per 110 yards.	Per mile.
22	4/2	£2 13 6
20	5/-	£3 10 0
18	8/6	£6 5 0

No. 16.—Underground wires, viz., copper covered with gutta percha 9, B.W.G., and taped and tarred, 27/- per 100 yards.

SQUARE STAPLES, for Fixing Wires.

G 2841.—½ inch, tinned ... ... 4d. per gross.

The varieties described represent in many cases but a small selection from those in stock. Further details and special prices for large quantities will be sent on receipt of requirements.

BEST LONDON MADE BRUSHES AND MASONS' TROWELS.



SASH TOOLS.

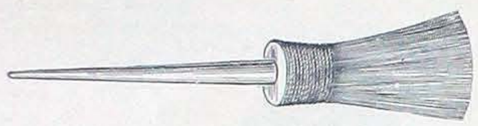
Size Nos.	4	5	6	7	8	10	12	
N 6110.	5½d.	8d.	11d.	1/2	1/6	2/3	2/9	each.
N 6110A.	6½d.	8½d.	11d.	1/2	1/6	2/3	2/9	,,

Patent copper band, indestructible—

Size Nos.	4	6	8	10	12	14	16	18	
N 6111.—German ditto	2d	2½d.	4½d.	6d.	8d.	11d.	1/4	1/8	each.

N 4100.—Oval with patent copper band, indestructible.

Size Nos.	6	7	8	10	12	
	1/-	1/3	1/7	2/4	2/10	each.



PAINTERS' DUSTERS, STRING BOUND.

Size Nos.	000	00	0	
N 6112.	3/10	3/2	2/9	each.

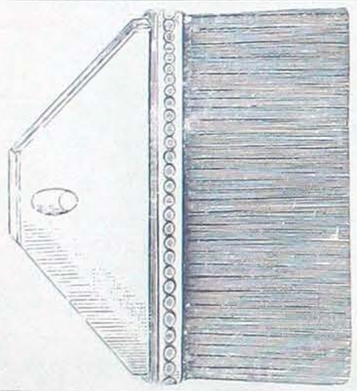


GROUND PAINTERS, STRING BOUND.

Size Nos.	0000	000	00	
N 6113.	4/6	4/-	3/3	each.

N 4101.—Oval metal wire bound ditto.

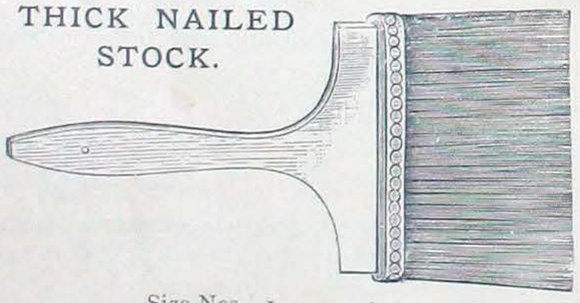
Size Nos.	0000	000	00	
	4/8	4/2	3/5	each.



LIMERS.

Size Nos.	XXX.	XX.	X.	
	10	9	8 oz.	
N 6114.—Grey bristles	9/-	8/-	7/2	each.
N 6114A.—Second quality	5/11	5/2	4/-	,,
N 6115.—Imperial ...	11/4	9/4	—	,,

THICK NAILED STOCK.

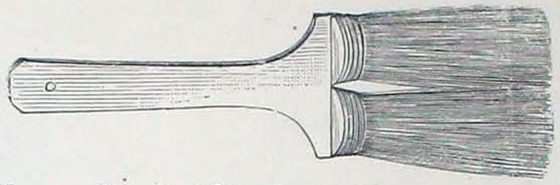


Size Nos.	1	2	3	4	
	7	6	5	4	ounce.
N 6116	6/10	5/6	4/-	2/8	each.

Above prices are for best London made; a cheaper quality supplied if desired.

TWO-KNOT DISTEMPER, COPPER BOUND.

N 6117.



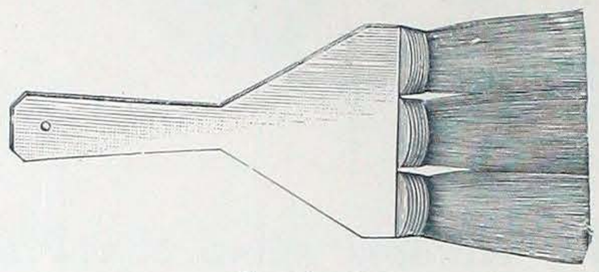
Size No. 2.

8 ounce,

8/- each.

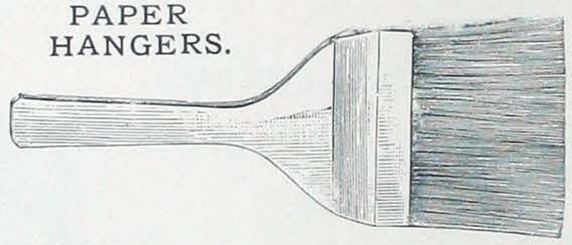
N 4102.—Two-knot fibre do., 5 ounce .. .. 6d. each.

THREE-KNOT PLASTERERS, COPPER BOUND.



Size No.	XX	X	1	
	9	8	7	ounce.
N 6118.	9/2	8/3	7/2	each.

PAPER HANGERS.



N 6119.

6/3 each.

N 6119A.—Improved pattern, short handle, 9 in. wide ... 4/6 each



MASONS' JOINT RULES.

N 6120.

4	6	8	10	12	14	16	18	inch.
7d.	8d.	10½d.	1/2	1/5	1/7	1/10	2/1	each.

MASONS' SMALL TOOLS.



N 6121.—8d. each.



N 6122.—8d. each.

MASONS' LINE PINS.



N 6123.—Malleable ... ... 3d. pair.

MASONS' DRAGS.

	4	5	6	inch.
N 4103.—Assorted teeth	7½d.	7½d.	7½d.	each.

BEST QUALITY CAST STEEL MASONS TROWELS.



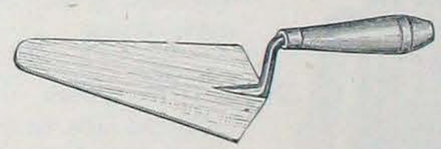
	8	8½	9	10	11	12	inch.
N 6124.—Brick	1/11	2/-	2/1	2/3	2/6	2/8	each.



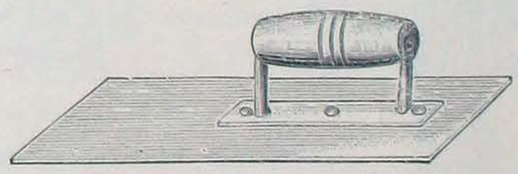
	4	5	6	7	inch.
N 6125. Pointing	10d.	1/1	1/3	1/5	each.



	4	5	6	inch.
N 6126. Broad Pointing	10d.	1/1	1/3	each.



	6	7	8	9	10	inch.
N 6127.—Gauging ...	1/9	1/11	2/-	2/2	2/5	each.



	11	11½	12 × 4	inch.
N 6128.—Plasterers	2/6	2/7	2/8	each.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

BEST WARRANTED JOINERS' TOOLS.



THE IRWIN PATENT AUGER BITS.

	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1 inch.
N 4110 ...	8d.	9d.	10d.	1/-	1/1	1/3	1/6	1/9	2/- each.



PATENT BRACE BITS.

	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1 1/8	1 1/4 inch.
N 6130 ...	1/-	1/-	1/-	1/-	1/-	1/1	1/2	1/4	1/6	1/8	1/10	2/1 each
N 6130A.—Unbreakable solid wing	1/-	1/-	1/-	1/-	1/-	1/1	1/2	1/4	1/6	1/8	1/10	2/1 ,,

SCREW AUGERS.



	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2 inch.
N 6131 ...	9d.	9d.	10d.	1/-	1/1	1/2	1/4	1/7	2/-	2/5	3/- each.

PATENT SCREW AUGERS.



	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2 inch.
N 6132	1/2	1/2	1/3	1/6	1/8	1/11	2/1	2/5	2/8	3/-	3/8	4/2 each.
N 6132A.—Unbreakable solid wing	1/3	1/3	1/5	1/9	1/11	2/2	2/5	2/9 each.				



CLARK'S EXPANDING BIT.

	1/2–1 1/2	7/8–3 inch.
N 6134 ..	4/9	6/9 each.

BRADAWLS (Assorted).



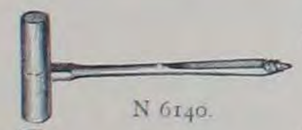
N 6135.—Round handles	...	1/1 dozen.
N 6136.—Oval ,,	...	1/4 ,,
N 6137.—Blades only	...	6 1/2d. ,,

FLOORING AWLS (Assorted).

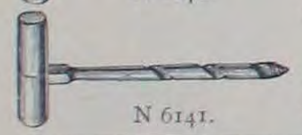


N 6138	... ...	4d. each.
N 6139.—Blades only	...	1/2 doz.

CAST STEEL GIMLETS.



N 6140.

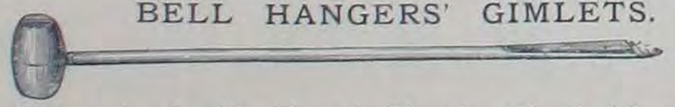


N 6141.

	1/16	1/8	3/16	inch.
N 6140 ...	2 1/2d.	2 1/2d.	2 1/2d.	each.
	1/4	5/16	3/8	inch.
	3 1/2d.	5 1/2d.	7d.	each.
	1/16	1/8	3/16	inch.
N 6141 ...	2 1/2d.	2 1/2d.	2 1/2d.	each.
	1/4	5/16	3/8	inch.
	3 1/2d.	5 1/2d.	7d.	each.

N 6140.—Assorted to 1/4 inch ... 2/- doz.
N 6141.— ,, ,, ... 2/3 ,,

BELL HANGERS' GIMLETS.



N 6142.—12 in. 5d., 18 in. 6d., 24 in. 8d. 30 in. 10d., 36 × 1/4 in. 1/-, 18 in. 7 1/2d., 24 in. 10d. 30 in. 1/1, 36 × 1/16 in. 1/3 each.

CABINET TURNSCREWS.



	3	4	5	6	7	8	9	10 inch.
N 6143 ...	5d.	6d.	7d.	8 1/2d.	9 1/2d.	11d.	1/1	1/3 each.

OVAL BOX HANDLE CABINET TURNSCREWS.



	3	4	5	6	7	8 inch.
N 4111	6d.	8d.	10d.	11d.	1/1	1/4 each.

SPINDLE TURNSCREWS.

	8	10	12	15 inch.
N 4112	4 1/2d.	5d.	6d.	7d. each.

LONDON PATTERN TURNSCREWS.



	3	4	5	6	7	8	9	10	12 inch.
N 6144 ..	4d.	5d.	6d.	7d.	8 1/2d.	9 1/4d.	11d.	1/1	1/6 each.

CAST STEEL FIRMER CHISELS.

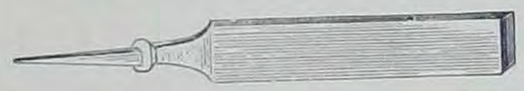


N 6145.—

	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2 inch.
	3 1/2d.	3 1/2d.	3 1/2d.	4d.	4d.	4 1/2d.	5d.	5 1/2d.	6 1/2d.	7d.	9 1/2d.	11 1/2d.	1/2	1/5 each.
N 6146 Strong	4 1/2d.	—	5d.	5 1/2d.	6 1/2d.	7d.	8d.	8 1/2d.	1/-	1/3	1/6	1/9	,,	
N 6147. velled edge	7d.—7 1/2d.		8d.	8 1/2d.	9d.	10d.	10 1/2d.	1/3	1/5	—	—	,,		

	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2 inch.
N 6148.— Handled	6d.	6d.	6 1/2d.	7d.	7 1/2d.	8d.	8 1/2d.	9d.	1/-	1/2	1/5	1/8 each.

N 6149.—Sets of Firmer Chisels from 1/16–1 in. 4/10; 1/8–1 1/2 in. 6/- set.
,, Ditto, ditto, handled ,, ,, 7/-; ,, 8/6 ,,



CAST STEEL LONG THIN PARING CHISELS.

	1/2	3/4	1	1 1/4	1 1/2 inch.
N 6150	7 1/2d.	9 1/2d.	1/-	1/4	1/8 each.
N 6151.—Bevelled edge ...	—	1/2	1/5	2/-	2/3 ,,

CAST STEEL MILLWRIGHTS' CHISELS.



	1/2	3/4	1	1 1/4	1 1/2 inch.
N 6152	10d.	1/1	1/5	1/9	2/3 each.



BEST MORTICE CHISELS.

	1/4	3/8	1/2	5/8 inch.
N 6153	1/-	1/1	1/3	1/6 each.

Sets of 1/8 to 9/16 inch, 8/6 set.



BLUED CAST STEEL SOCKET CHISELS.

	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/8 inch.
N 6154 ...	10 1/2d.	10 1/2d.	10 1/2d.	11d.	1/-	1/1	1/2	1/5	1/8 each.

LOCK MORTICE CHISELS.



N 6155.—1/2 inch, 3/3; 5/8 inch, 3/7 each.



CAST STEEL FIRMER GOUGES.

N 6156.—Ordinary, middle or flat sweep

	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 inch.
	4 1/2d.	5d.	5 1/2d.	6d.	6 1/2d.	7 1/2d.	8d.	11d.	1/2 each.
	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2 in.
N 6157.—Ordinary handled	6 1/2d.	7d.	7 1/2d.	8d.	9d.	9 1/2d.	10d.	1/2	1/4 ea.

N 6159.—Do., in sets, 1/8 to 1 inch, 5/9; do., do., handled, 7/10 set.



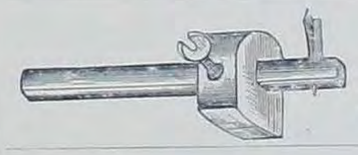
BLUED CAST STEEL SOCKET GOUGES.

	1/2	3/4	1	1 1/4	1 1/2 inch.
N 6160.—Insteeled ..	1/1	1/3	1/5	1/9	1/11 each.



MARKING GAUGES.

N 6162.—London pattern, beechwood	... ...	7 1/2d. each.
N 6163.—Thumbscrew	,, ...	6d. ,,
N 6164.—	,, ,, plated .	8d. ,,



CUTTING GAUGES.

N 6166.—Beechwood ... 8d. each.
N 6167.— ,, plated 10d. ,,
N 6168.—Hardwood ... 1/2 ,,



MORTICE GAUGES.

N 6169.—Brass slide	... ...	1/7 each.
N 6170.—Thumbscrew slide, plated rosewood		... 2/10 ,,
N 6171.—Turnscrew, ,, ,, ,,		... 3/- ,,
N 6172.— ,, ,, ebony		.. 3/2 ,,
N 6173.—Reverse end, ,, rosewood		... 3/6 ,,
N 4113.—Ebony oval, round brass stem	...	... 4/3 ,,

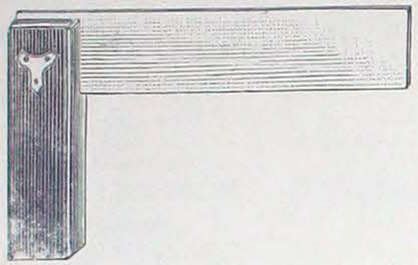
Improved REGISTERED AUGER HANDLES.



Adjustable for any size.
N 6176.
Beechwood .. 1/8 each.

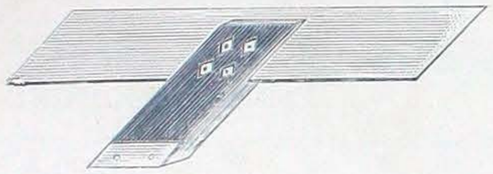
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BEST WARRANTED JOINERS' TOOLS.



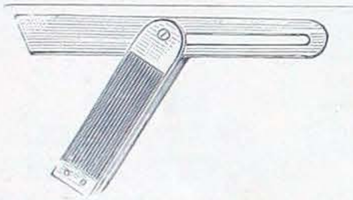
PLATED SQUARES.

		4½	6	7½	9	12	15	18 inch.
N 6180.—Rosewood...	...	11d.	1/2	1/5	1/8	2/2	—	— each.
N 6181.— ,, best plated		1/2	1/4	1/8	2/-	2/8	3/8	4/6 ,,



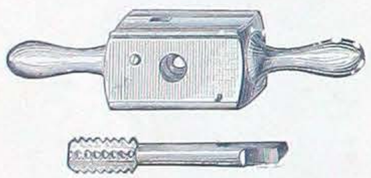
MITRE SQUARES.

N 6182.—Rosewood, 12 inch ... ... 2/3 each.



SLIDING BEVELS.

N 6183.—Ebony, 9 inch .. .. 1/11 each.



SCREW BOXES AND TAPS.

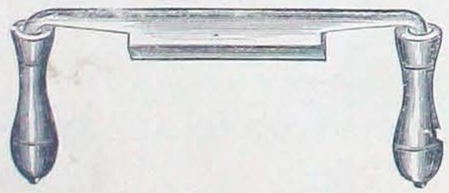
		⅜	½	⅝	¾	⅞	1 inch.
N 6184	...	3/8	3/8	3/8	4/3	4/9	5/3 each.

SPOKESHAVES, with CAST STEEL IRONS.



		1½	2	2½	3	3½	4 inch.
N 6185.—Beech	...	8d.	8d.	8d.	10d.	11d.	1/1 each.
N 6186.—Box	...	1/-	1/-	1/-	1/2	1/4	1/6 ,,

CAST STEEL DRAWING KNIVES.

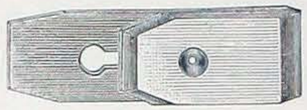


		6	7	8	9	10	12 inch.
N 6187 ...	...	2/-	2/-	2/-	2/2	2/3	2/8 each.



CAST STEEL CUT PLANE IRONS.

		2	2⅛	2¼	2½ inch.
N 6188	... ...	8½d.	9d.	10d.	1/- each.
N 6189.—Parallel	...	10½d.	11d.	1/-	1/2 ,,



CAST STEEL DOUBLE PLANE IRONS.

		2	2⅛	2¼	2½ inch.
N 6190	... ...	1/4	1/5	1/6	1/9 each.
N 6191.—Parallel	...	1/8	1/8	1/10	2/2 ,,



PLOUGH BITS.

Sizes No. 1 to 8.

N 6192 ... ... 7d. each.



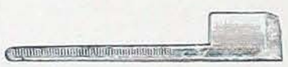
SQUARE RABBIT IRONS.

		¾	⅞	1	1¼	1½ inch.
N 6193	... ...	4d.	4d.	4d.	4½d.	5d. each.



SKEW RABBIT IRONS.

		¾	⅞	1	1¼	1½ inch.
N 6194	... ...	4½d.	4½d.	4½d.	5d.	5½d. each.



SOFT MOULDING IRONS.

		1	1¼	1½ inch.
N 6195	... ...	3d.	3½d.	4d. each.



BLACK CENTRE BITS.

		3/16 1/4 5/16 3/8	7/16 1/2	5/8 3/4 inch.
N 6196.		3d.	3d.	3½d. each.

⅞	1	1⅛	1¼	1½	1¾	2 inch.
4d.	4d.	4½d.	5d.	7d.	8½d.	10½d. each.



FLAT COUNTERSINKS.

		½	⅝	¾ inch.
N 6197	... ...	4d.	5d.	6½d. each.



ROSE COUNTERSINKS.

		⅜	½	⅝	¾ inch.
N 6198	... ...	4½d.	4½d.	6d.	8d. each.



SNAIL COUNTERSINKS.

		½	⅝ inch.
N 6199 ..	... ...	4½d.	5½d. each.



TURNSCREWS FOR BRACE.

N 6200 ... ... 3½d. each.

FORK TURNSCREWS, DITTO.



N 6201 ... ... 4d. each.



CAST STEEL TWIST BITS, STRAW COLOUR.

N 6202.

		⅛	5/16	¼	5/16	⅜ inch.
		2½d.	2½d.	2½d.	2½d.	3d. each.
Assorted, ⅛ to ⅜ inch		...	...	...	...	2/6 dozen.



SHELL BITS.

N 6203.

		1/16 1/8 3/16 1/4	5/16	⅜ inch.
		4d.	4½d.	5d. each.



BED BITS.

N 6204.

		⅜ ½	⅝ inch.
		6½d.	7d. each.



NOSE BITS.

N 6205.

		⅛ ¼	⅜ inch.
		4d.	5d. each.



SQUARE RHYMERS FOR BRACE.

N 6206 ... ... 4½d. each.



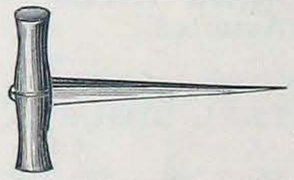
HALF ROUND RHYMERS FOR BRACE.

N 6207 ... ... 4½d. each.



HEXAGON RHYMERS FOR BRACE.

N 6208 ... ... 6½d. each.



SQUARE RHYMERS HANDLED.

N 6209 ... ... 7d. each.



TOOL PADS, BOXWOOD HANDLES.

Containing 10 12 15 tools.

N 6210 ... 1/7 2/1 3/11 each.



OCTAGON CHIPPING CHISELS.

N 6211.—7 × ½ and ⅝, 8 × ¾ and ⅞, and 9 × 1¼ inch ... 9d. per lb.

MASONS' PLUGGING CHISELS.

N 4120.—10 × ½, 12 × ⅝ inch ... ... 1/2 per lb.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

BEST WARRANTED JOINERS' TOOLS.



SPIRIT LEVELS.

	8	10	12 inch.
N 6213.—Brass plated top ...	1/-	1/3	1/6 each.
N 6214.— ,, ,, ,, best	2/-	2/5	2/8 ,,
N 6215.— ,, ,, ,, plumb and level	1/6	1/10	2/3 ,,
N 6216.— ,, ,, ,, plumb and level, with field sight	3/4	4/-	4/8 ,,

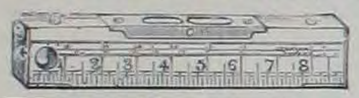
IMPROVED SPIRIT LEVEL.



N 4124.—18 inch . . .. 4/- each.
N 4125.—Ditto, brass tipped top and bottom corners ... ... 4/8 ,,

This level is proved or tested on the top as well as on the base so that it can be used for testing overhead work from the top of the level in places where it is not possible to place the level on its base.
Builders, Plasterers, Carpenters, Joiners, Engineers, &c., will find this level of very great service.

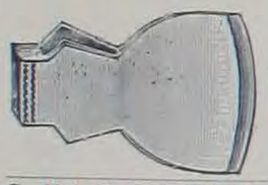
MASONS' BEST BOXWOOD RULE PLUMB SPIRIT LEVELS.



N 6217.

6	9	12 inch.
1/9	2/-	2/6 each.

STEEL POLE KENT AXES.



N	1½	1¾	2	2¼ lbs. and above.
6218.	1/2	1/-	11d.	9½d. per lb.

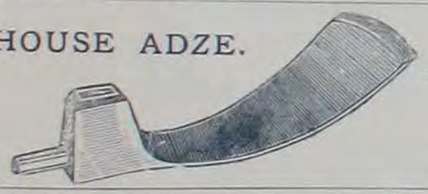
N 6219.—Ditto, handled.

1½	2	2½	3	3½	4 lbs.
2/2	2/4	2/8	3/-	3/6	4/- each.

Solid Steel KENT FELLING AXES.

N 4126.—4 lb. to 7 lb. ... ... 11½d. per lb.

HOUSE ADZE.



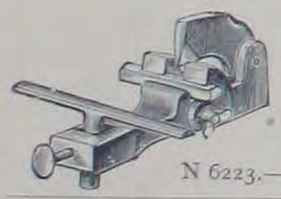
N 6220.
Size Nos.

2	3
2/8	2/10 each.

SAW SETS.



N 6222.
Beech handle, 8½d. each.





N 6221.—Bright, 6d. each.

N 6223.—American, 4/- each.



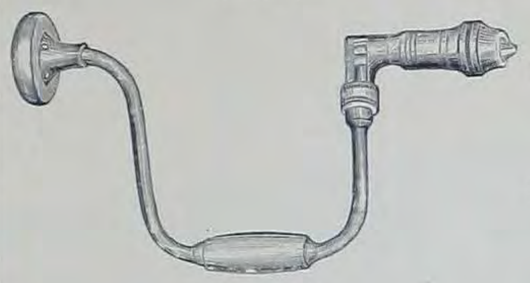
MORRILL'S PERFECT SAW SETS.

N 4127.—3/- each.

BRACES.



N 6224-26.



N 6227-28.



N 4129.

N 6224.—Improved iron, with hard wood head and handle, 8 in. sweep	each. 2/2
10 in. do.	2/6
N 6225.—Ditto, with teak ditto, 10 in. sweep	3/6
N 6226.—Ditto, with rosewood ball bearing head N.P. 10 in. sweep	6/6
N 6227.—Ditto, with ratchet, with beech wood head and handle, 9 inch sweep ...	4/3
N 6700.—Ditto, ditto, with teak wood head and handle, N.P. 10 in. sweep	6/4
12 inch sweep	7/-
N 6228.—Ditto, ditto, with rosewood head and handle, ball bearing head, N.P., 10 in. sweep	8/-
12 inch sweep	8/9

N 4128.—Lignum vitæ head, rosewood handle with ratchet, ball bearing in head, handle, and nose, N.P.
10 inch sweep, 12/-; 12 inch do., 14/- each.
N 4129.—Rosewood head and handle.
8 inch sweep, 4/6; 10 inch sweep, 5/- each.

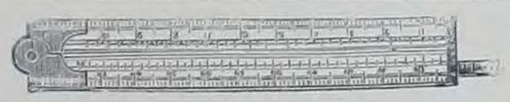
Set of Brace Bits unfitted.
Sets of thirty-six.

N 6232.—Black 9/-
N 6233.—Straw colour 12/6



BOXWOOD RULES. (Two Foot, Four Fold.)

	¾	1	1⅛	1½ inch wide.
N 6234.—Arch joint, polished ...	—	9d.	—	— each.
N 6235.— ,, ,, ,, ...	10d.	—	1/1	1/5 ,,
N 6236.— ,, ,, brass slide	—	—	2/9	— ,,
N 6237.— ,, ,, polished, bevelled edge, with drawing scales	—	—	2/3	— ,,
N 6238.— ,, ,, ,, cheap	—	—	—	1/- ,,
N 4130.— ,, ,, ,, bevelled edge, with drawing scales, German silver mounts	—	3/-	—	— ,,
N 4131.—Do. do. best finish	—	—	4/-	— ,,



BOXWOOD RULES. (Two Foot, Two Fold).

	1⅝ inch wide.
N 6240.—Arch joint, bevelled edge	10d. each.
N 6241.— ,, ,, brass slide	1/6 ,,
N 6239.— ,, ,, ,, bevelled edge, polished ...	1/- ,,
N 6242.— ,, ,, ,, ,, ,, ...	2/- ,,
N 6243.—Ditto, with tables for timber measuring	2/6 ,,



MEASURING TAPES.

	33	50	66	100 feet.
N 6244.—Linen	3/4	—	5/-	— each.
N 6245.—Metallic	5/3	—	7/6	10/6 ,,
N 4132.—Constantia	6/-	—	8/6	11/6 ,,
N 4133.—Steel	—	21/6	27/6	— ,,

TINMAN'S HAND SHEARS.



	8	10	12	14 inch.
N 6284.—	1/8	2/3	3/-	4/- each.
N 6285.—Best Lancashire—	2/-	3/-	4/6	5/10 ,,

BRIGHT CALLIPERS.



	3	4	5 inch.
N 6246.	5d.	5d.	5d. each.
N 6246A.—In and outside ..	10d.	10d.	10d. ,,

BRIGHT COMPASSES.



	6	7	8 inch.
N 6247. ...	8d.	9½d.	1/- each.

Black WING COMPASSES.



	6	7	8 inch.
N 6248. ...	1/2	1/4	1/7 each.
N 4134.—Bright wing with adjusting nut ...	1/-	1/2	1/4 ,,

BENCH STOP.



N 6249.—3¼ × 1⅝ inch, 11d. each.

PLYERS.



	5	6	7	8 inch.
N 6250.—Bright, flat nose ...	8d.	10½d.	1/2	1/6 each.
N 6251.—Black bell	1/5	1/7	2/2	2/8 ,,
N 6252.—Do., Best Lancashire ...	1/8	2/-	3/-	4/- ,,

Black TOWER PINCERS.



	6	7	8	9 inch.
N 6253. ...	9½d.	1/-	1/3	1/7 each.

Black CUTTING PINCERS.



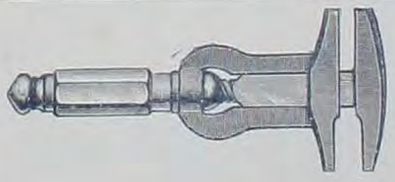
	6	7	8	9 inch.
N 6254. ...	1/2	1/5	1/11	2/5 each.
N 6255.—Best Lancashire	1/6	1/9	2/-	2/8 ,,

STEELED COACH WRENCHES.



	8	10	12	14 inch
N 6256.—Bright	2/3	3/3	4/-	— each.
N 6257.—Black, better	3/3	4/-	5/-	6/- ,,
N 6258.—Best, double strap, railway	—	7/3	8/9	10/6 ,,
N 6259.—Wood handled, American	—	1/3	—	— ,,

STEEL DOUBLE JAW COACH OR AXLE CAP WRENCH.

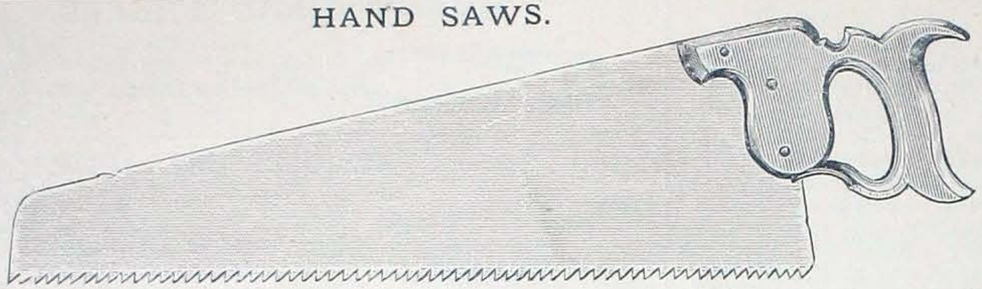


	10	12	14 inch
N 4135.	10/6	12/6	15/3 each.

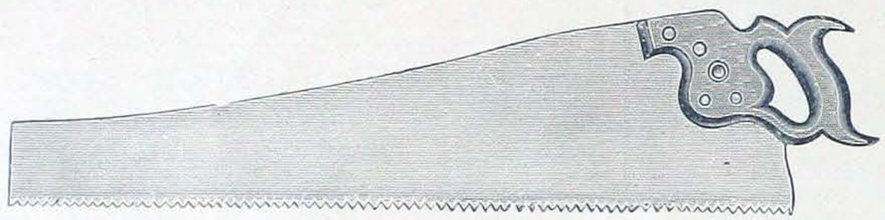
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BEST WARRANTED SAWS.

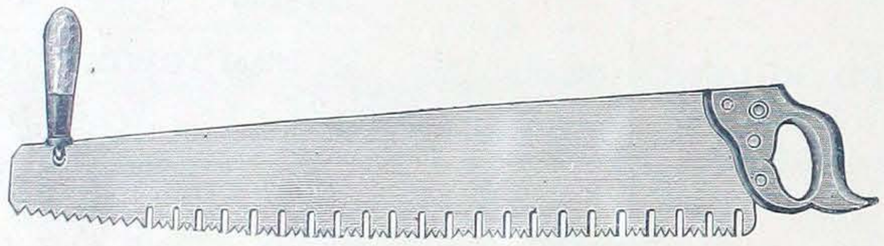
HAND SAWS.



	12	14	20	22	24	26	28	inch.
N 6260.—German steel	1/8	2/-	2/11	3/3	3/8	3/9	—	each.
N 6261.—Cast ,, ...	—	—	—	—	4/2	4/4	—	,,
N 6263.— ,, ,, London spring	—	—	—	—	—	5/3	—	,,
N 6264.— ,, ,, panel...	—	—	—	3/9	—	4/4	—	,,
N 6266.— ,, ,, London spring panel ..	—	—	—	—	—	5/3	—	,,
N 6267.— ,, ,, ripping	—	—	—	—	—	—	4/8	,,
N 6270.— ,, ,, London, spring ripping ...	—	—	—	—	—	—	5/8	,,



N 4140.—Extra cast steel, hand 26 inch ... ... 4/6 each.
N 4141.— ,, ,, ,, ripping 28 ,, ... 4/9 ,,



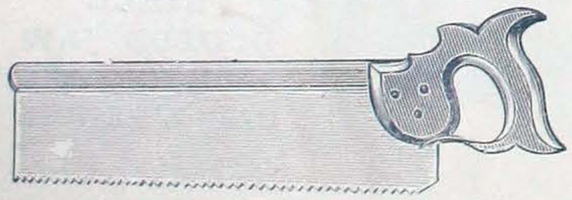
	3	3½	4	5	feet.
N 4142.—Cast steel, one man, cross cut	6/-	6/9	8/-	10/9	each.

Extra loose adjustable handles, 7d. each..

CROSS CUT SAWS, GULLETT OR PEG TOOTH.



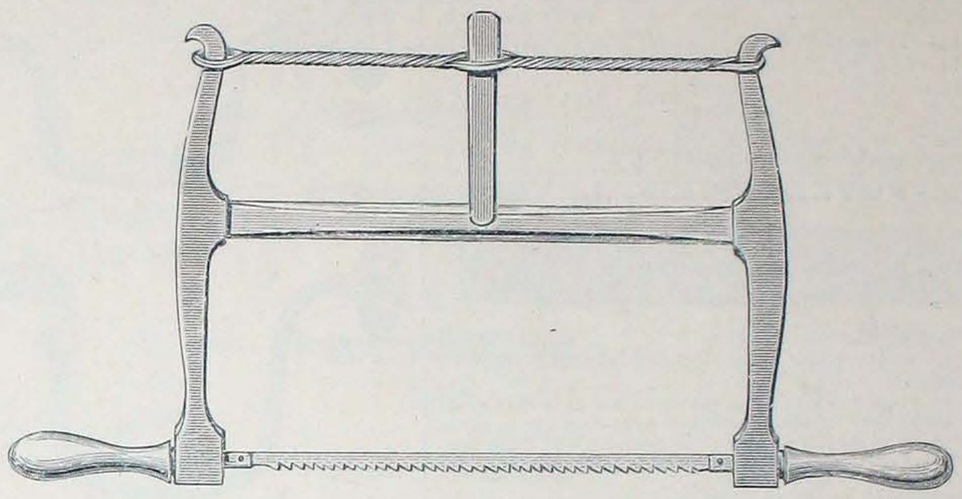
	4	4½	5	5½	6	feet.
N 6281.—Cast steel...	7/6	8/9	10/6	11/-	13/-	each.



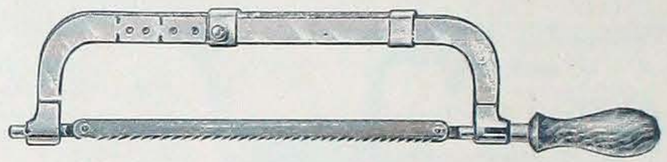
TENON SAWS.

	8	10	12	14	inch.
N 4143.—Cast steel, iron back	3/2	3/2	3/4	3/8	each.
N 6272.—Best do., do.	3/4	3/4	3/6	3/9	,,
N 4144.—Cast steel, brass back	4/-	4/-	4/6	5/-	,,
N 6274.—Best do., do.	4/3	4/3	4/8	5/3	,,

TURNING SAWS AND FRAMES.



	10	12	14	16	inch
N 6280	3/-	3/4	3/8	4/3	each

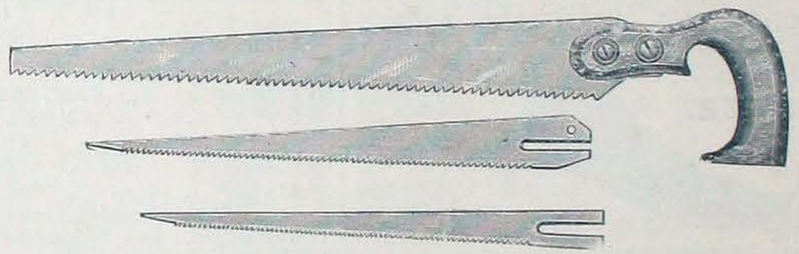


HACK SAW FRAME.

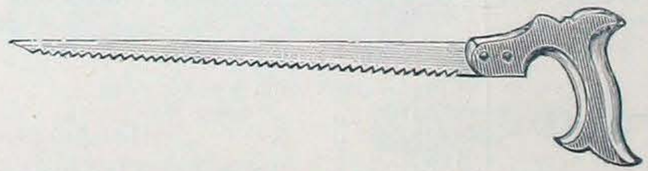
N 4145 ... ... 4/6 each.

	6	7	8	9	10	11	12 inch
Blades for ditto	2½d.	3d.	3d.	3½d.	4d.	4½d.	5d. each.

INTERCHANGEABLE SAWS.



N 4146.—Consisting of one handle, and one each compass, pruning and key hole blades 2/9 per set.



COMPASS OR LOCK SAWS.

N 6276.—Cast steel.

10	12	14	16	18	20	inch.
1/2	1/3	1/4	1/5	1/6	1/8	each.



SAW PADS.

N 6174.—Beechwood ... ... 11½d. each.
N 6175.—Ebony ... ... 1/6 ,,



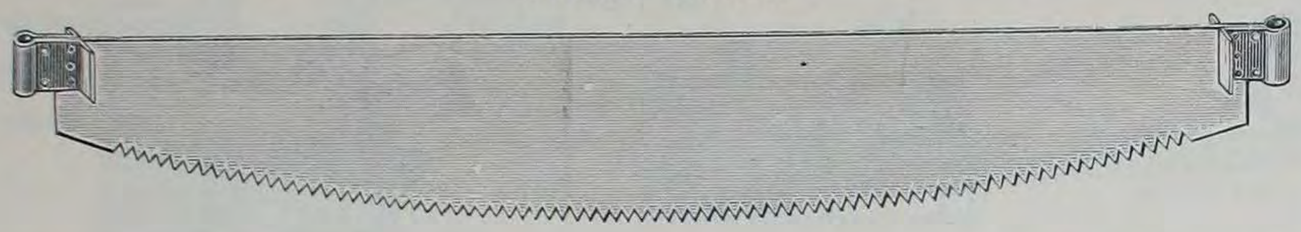
KEYHOLE SAWS.

N 6277.—Cast steel, assorted to 12 inch ... 3d. each.

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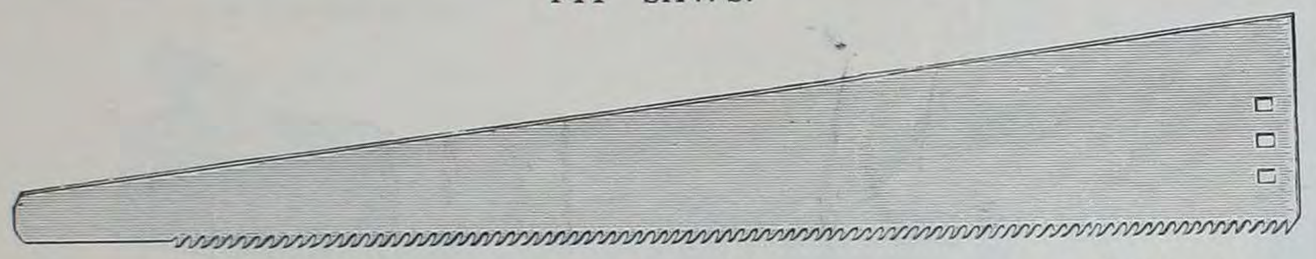
BEST WARRANTED JOINERS' TOOLS.

STONE SAWS.

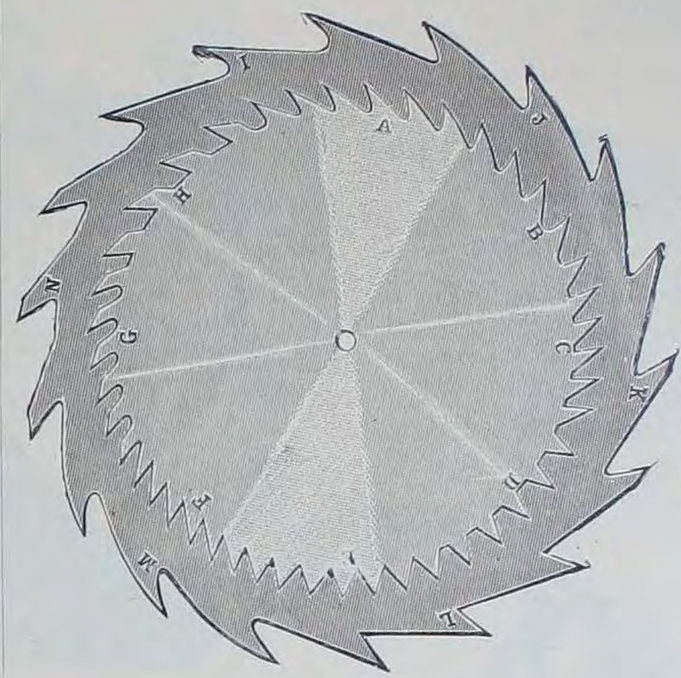


	6	6½	7	eet × 10 inch belly.
N 6282.—Cast steel	16/6	18/3	20/-	each.

PIT SAWS.



	5/8 11/16 3/4	inch space.
N 6283.—6½ feet × 12 inch heel	15/6	each.
,, 7 ,, 12 ,, ...	16/6	,,

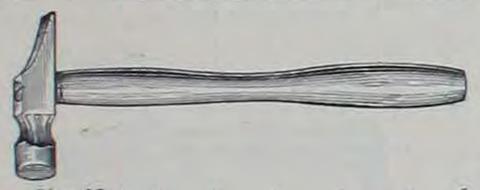


CIRCULAR SAWS.

N 6279.—Cast Steel.

4	6	8	10	12	14	16	18	20	22	24	26 inch.
2/8	4/2	5/8	7/8	8/3	9/9	11/9	14/6	17/6	20/6	21/6	25/3 each.
28	30	32	34	36	38	40	42	44	46	48	inch.
29/9	34/3	39/6	47/-	49/6	60/-	66/-	74/6	88/9	99/-	111/6	each.

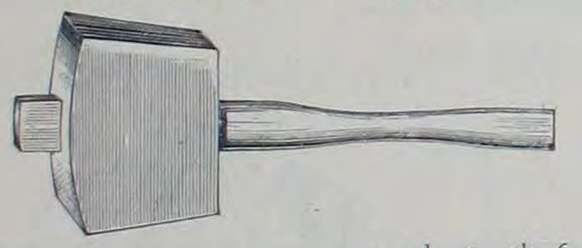
Quotations for larger saws and instructions for ordering will be sent on application.



EXETER PATTERN HAMMERS.

Size Nos.	0	1	2	3	4	6	8	10	12	
N 6287 ...	7½d.	8d.	9d.	10½d.	1/1	1/4	1/7	1/11	2/3	each.

CARPENTERS' MALLETS.



	4	4½	5	5½	6	inch.
N 6286.—Beechwood, square morticed	1/-	1/2	1/3	1/5	1/6	each.



CHALK LINE REELS.



N 6308.—Beechwood ... ... 2d. each.

N 6309.— ,, ... 2d. ,,



WARRINGTON PATTERN HAMMERS.

Size Nos.	0	1	2	3	4	5	6	7	8	9	10	
N 6288. — Solid cast steel	8½d.	9d.	10d.	11d.	1/-	1/2	1/3	1/5	1/8	2/-	2/3	each.
N 6289.—Heads only	7d.	7½d.	8½d.	9½d.	10½d.	1/-	1/1½	1/3½	1/6½	——		,,

BRADAWL HANDLES.



N 6312.—Round polished, beechwood, with brass ferrules, assorted } 9d. dozen.

N 6313.—Oval ditto, ditto ... ... 1/- ,,

FILE HANDLES.



N 6314.—With gun barrel ferrules, assorted ... .. } 9d. dozen.

CHALK LINES.

	60	90 feet.
N 6310.—Cotton	2½d.	— each.
N 6311.—Hard brown	2d.	3d. ,,

CANTERBURY PATTERN HAMMERS.



Size Nos.	1	2	4	6	8	10	
N 6290.—Black ...	1/-	1/2	1/6	2/-	2/6	3/-	each.

CHISEL HANDLES.



N 6315.—Round polished ash, with brass ferrules, assorted } 1/3 dozen.

N 6316.—Ditto box, ditto ... ... 2/2 ,,

N 6317.—Octagon, polished, beech, with brass ferrules, assorted } 1/10 dozen.

N 6318.—Ditto box, ditto ... ... 3/- ,,

LONDON PATTERN TURNSCREW HANDLES.



N 6319.—Polished beech, with brass ferrules, slit and bored.

3	4	5	6	7	8	inch.
2d.	2½d.	3d.	3½d.	4½d.	5d.	each.

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

IRON AND WOOD PLANES AND SPOKESHAVES.



N 4156.—Iron Bull Nose Rebate Plane, 1 inch, 1/2 each.



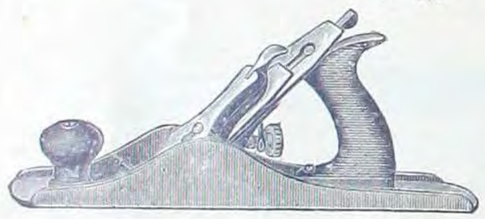
N 4157.—Iron Block Plane, adjustable, 1¼ inch, 1/3 each.
N 4158.—Ditto, without adjustment, 10d. each.



N 4159.—Iron Block Plane, adjustable, 1¾ inch, 1/10 each.
N 4160.—Ditto, without adjustment, 1/3 each.



N 4161.—Iron Smoothing Plane, 2 inch, 6/9 each.
2⅜ ,, 7/9 ,,



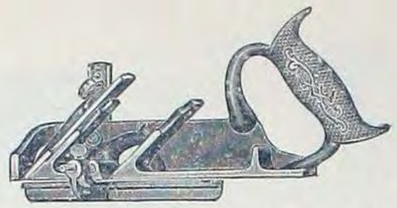
N 4162.—Iron Jack Plane, 14 × 2 inch, 8/- each.
N 4163.—Ditto Trying do., 22 × 2⅜ inch, 11/6 ,,



N 4164.—Flexible Steel Plane, adjustable for circular, hollow or smooth at any sweep, 8/3 each.



N 4165.—Iron Shoulder Plane, with patent adjustment, 8 × 1½ inch, 13/- each.
N 4166.—Ditto, without adjustment, 10/9 each.



N 4167.—Iron Duplex Rebate Plane and Fillister, 8½ × 1½ inch, 4/9 each.

By removing the arm to which the fence is secured, a Handled Rebate Plane is had, and with two seats for the cutter, so that the tool can be used as a Bull Nose Rebate if required.

The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior right or left hand Fillister with adjustable spur and depth gauge.



N 4168.—Iron Smoothing Plane, walnut, fitted with C.S. parallel iron.

2	2⅛	2¼ inch.
12/9	13/9	15/- each.



N 4169.—London pattern iron Smoothing Plane, rosewood fitted, 2¼ inch, 24/3 each.
N 4170.—Ditto, ditto, gun metal ditto, ebony fitted, 2¼ inch, 26/9 each.
N 4171.—Iron, without handle, 2¼ inch, 21/6 each.
N 4172.—Gun metal, ditto, 24/3 each.

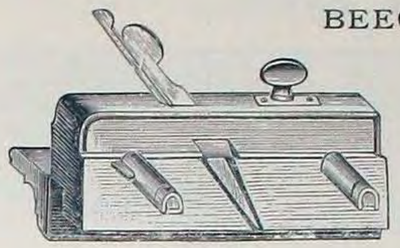


N 4173.—Iron Spokeshave, double iron, raised handle, 10 × 2⅛ inch, 9½d. each.

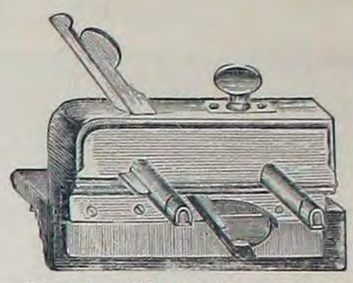


N 4174.—Iron Spokeshave, double iron, hollow face, 10 × 2⅛ inch, 8d. each.

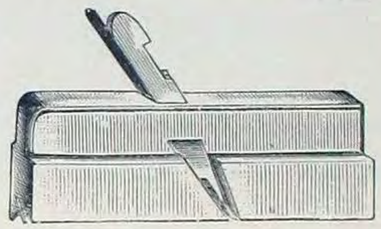
BEECHWOOD.



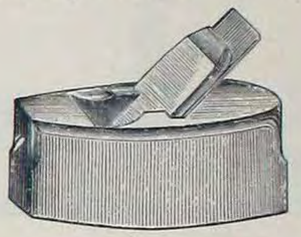
N 6299.—Sash Fillister, double hooped 14/- each.
N 6300.— ,, ,, left hand, wedge tooth, and shoulder boxed ... } 17/- ,,
N 6301.—Moving Fillister, shoulder boxed and slip top .. ... } 8/- ,,



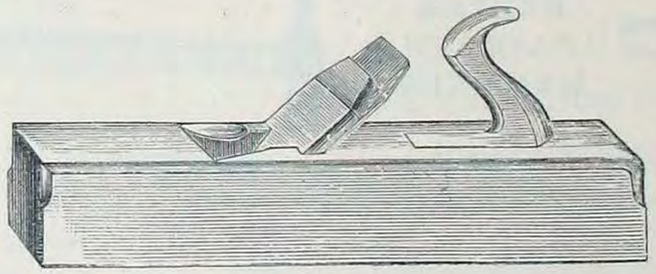
N 6296.—Plough, with eight best bits, double brass hooped, best brass stop .. .. } 20/- each.
N 6297.—Ditto, ditto, ditto, improved stop, skate end ... } 22/6 ,,



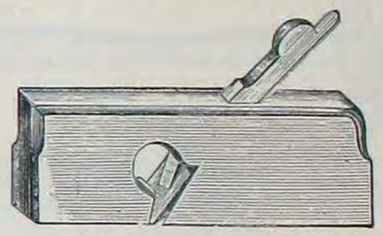
N 6294.—Bead ... ⅛ to ⅝ 2/8 ¾ 2/11 ⅞ 3/2 1 inch. 3/5 each.



N 6291.—Smoothing, with double iron.
1½ 2 2⅛ 2¼ 2½ inch.
3/9 3/9 4/- 4/3 5/3 each.
N 4175.—Compass smoothing, ditto, 2 inch, 3/10 each.



N 6302.—Jack, with double iron, 17 × 2¼ inch, 5/3 each.



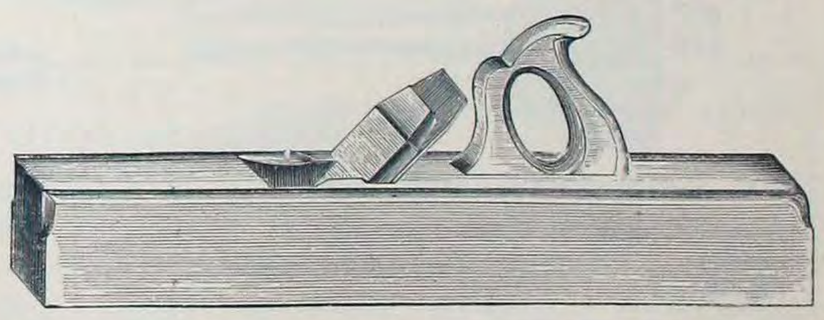
N 6292.—Square Rebate
1 1¼ 1½ inch.
2/6 2/8 2/10 each.
N 6293.—Skew rebate, same price.



N 6306. each
Iron Chariot, 1⅛ in., 7/6
N 6307.
Gun-metal, ditto, 8/6



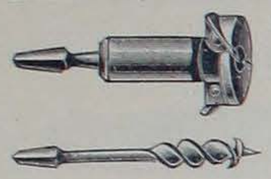
N 6304.
Iron Bull Nose, 1in., 5/9
1¼ in., 7/- each.
N 6305.—Gun metal, do. 1 in., 7/6; 1¼ in., 8/6 each.



N 6303.—Trying, with double iron, 22 × 2½ inch, 6/9 each.

Prices of Planes are for the best quality; a cheaper make can be supplied.

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IMPROVED HOLLOW AUGER.

N 4180	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inch.
	4/8	4/8	5/4	5/4	6/8	6/8 each.

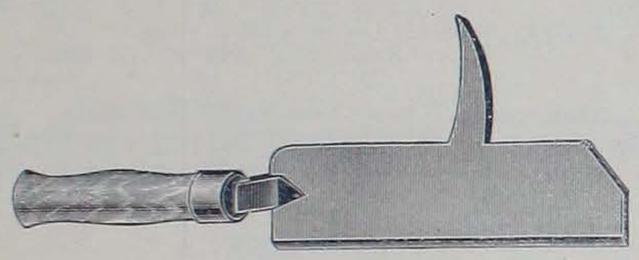
(Including bits).



IMPROVED SPOKE TRIMMER.

N 4181 ... ... 2/9 each.

SLATER'S AXE.



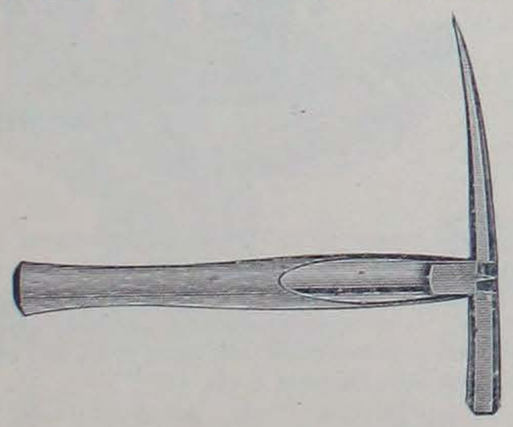
N 4182.—9 inch ... ... 3/- each.

SLATER'S RIPPER.



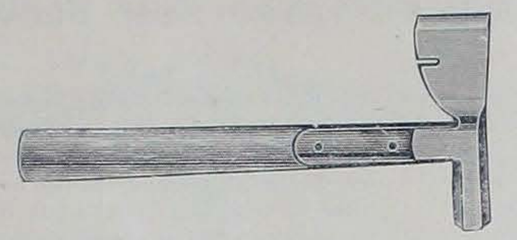
N 4183.—24 inch ... . 2/10 each.
30 ,, ... 3/8 ,,

SLATER'S HAMMER WITH CLAW.



N 4184 ... ... 2/- each.

LATH HAMMER.



	1	2	3	4	
N 4185	1/2	1/4	1/6	1/9	each.

CAST STEEL BRICK HAMMER.



N 4186 ... ... 1/9 each.
If with Wood Handle ... 2/- each.



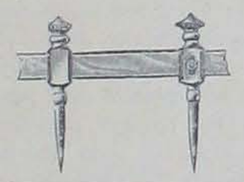
CAST STEEL STONE MASON'S HAND HAMMER.

N 4187.—3, $3\frac{1}{2}$, 4 lb. ... 6d. per lb.



CAST STEEL MASON'S WALL HAMMER.

N 4188.—3, $3\frac{1}{2}$, 4 lb. ... 6d. per lb.



BRASS TRAMMEL HEAD WITH PENCIL HOLDER.

	$\frac{9}{16} \times \frac{1}{4}$	$\frac{11}{16} \times \frac{5}{16}$	$\frac{13}{16} \times \frac{7}{16}$	inch.
N 4189	1/10	2/2	2/10	each.



BRASS PLUMB BOB.

		1	2	3	
		$3\frac{1}{2}$	$4\frac{1}{2}$	6	oz.
N 4194	... ...	1/-	1/2	1/4	each.



LEAD PLUMB BOB.

N 4195.—1 lb. ... ... 8d. each.



BENCH OIL CAN, BRASS BOTTOM.

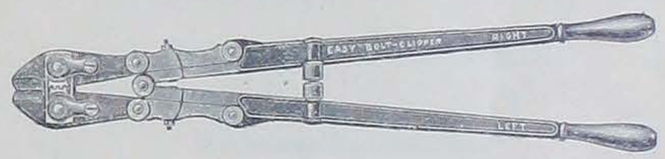
N 4196 ... . 5d. each.



ENGINEERS' OIL CAN WITH COPPER SPOUT.

	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{2}$	pint.
N 4197	10d.	1/-	1/3	1/6	1/8	each.

THE "EASY" BOLT CLIPPER.



	0	1	2	3	
For	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	inch bolts.
N 4198	14/-	18/-	25/-	32/-	each.



TOOL BASKET.

Canvas lined, with Pocket.

	27	30	33	36	inch.
N 4199	$10\frac{1}{2}$d.	1/1	1/4	1/7	each.

Extra strong do.

	27	30	33	inch.
N 4200	1/6	1/9	2/-	each.

LETTERS & FIGURES FOR GENERAL PURPOSES.

N 4190 LETTERS. Per set of 27		N 4191 FIGURES. Per set of 9.	
$\frac{1}{8}$ in.	4/4	$\frac{1}{8}$ in.	1/6
$\frac{3}{16}$ in.	6/3	$\frac{3}{16}$ in.	2/9
$\frac{1}{4}$ in.	7/10	$\frac{1}{4}$ in.	3/3
$\frac{5}{16}$ in.	11/9	$\frac{5}{16}$ in.	4/4
$\frac{3}{8}$ in.	15/-	$\frac{3}{8}$ in.	5/9
$\frac{1}{2}$ in.	17/6	$\frac{1}{2}$ in.	7/9

Steel included.

CAST STEEL STAMPS FOR JOINERS, ENGINEERS, TINMEN AND OTHERS.

N 4192.

Per Letter.		Per Letter.	
$\frac{1}{16}$ in.	2d.	$\frac{1}{4}$ in.	5d.
$\frac{1}{8}$ in.	$2\frac{1}{2}$d.	$\frac{5}{16}$ in.	6d.
$\frac{3}{16}$ in.	$3\frac{1}{2}$d.	$\frac{3}{8}$ in.	$7\frac{1}{2}$d.

Stocks or Steel and Forgings charged extra.

BURN BRANDS, NAMES AND INITIALS, BEST WROUGHT IRON, WITH A LONG HANDLE TO EACH.

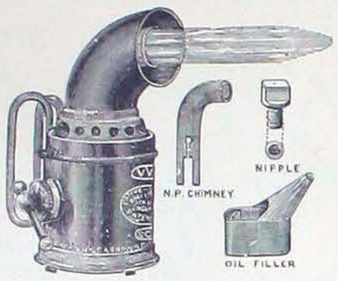
N 4193.

Per Letter.		Per Letter.	
$\frac{3}{8}$ in.	1/-	$1\frac{1}{4}$ in.	3/3
$\frac{1}{2}$ in.	1/3	$1\frac{3}{8}$ in.	3/6
$\frac{5}{8}$ in.	1/6	$1\frac{1}{2}$ in.	4/-
$\frac{3}{4}$ in.	1/9	$1\frac{5}{8}$ in.	4/6
$\frac{7}{8}$ in.	2/-	$1\frac{3}{4}$ in.	5/-
1 in.	2/6	$1\frac{7}{8}$ in.	5/6
$1\frac{1}{8}$ in.	3/-	2 in.	6/-

Illustrations are about one-sixth full size. The varieties described represent in many cases but a small selection from those that can be supplied.
Further details and special prices for large quantities will be sent on receipt of requirements.

BLOW PIPES AND LAMPS.

PAQUELIN PAINT REMOVING AND PLUMBER'S LAMP.



N 4206.

Can be used in any position. Gives 1800 degrees of heat. Cost to work, 1d. for four hours. It only weighs 20 ozs. Use Benzoline only.

No. 1.—Burns 1 hour ... ... 10/6 each.
,, 2.— ,, 2 hours ... .. 13/- ,,

If with Flame Regulator, 2/- each extra.
Extra Nipples, 6d. each. Chimneys, 2/6 each.
Oil Fillers, fitted with Strainer, No. 1, 10d.; No. 2, 1/6 each

ORDINARY BLOW PIPE.



N 4207.

8	9	10 inch.
6d.	6½d.	7d. each.

SPIRIT BLOW PIPE.



N 4208.—5/- each complete.

This novel and useful article is extremely light and portable. The bottom part contains a supply of Naphtha or Methylated Spirit which soaks into a wick of cotton; the top of this wick projects and is ignited at the upper end.

THE "ÆTNA" PETROLEUM BLOW-LAMP.



N 3088.

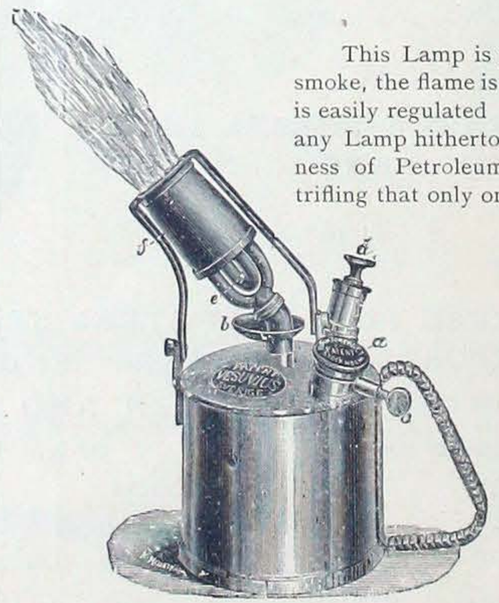
This Lamp will bring a copper rod to welding heat within a minute, is perfectly weather-proof, will work in wind or rain, burns well and safely in any position. A pint of ordinary petroleum will last three to four hours. The principle of the Lamp is as follows: "The air, being pumped into the tank, forces an extremely fine jet of Petroleum to percolate the combustion tubes, igniting only in the form of gas on reaching the open mouthpiece. The gas cannot get into the oil-tank, explosion is therefore impossible." It is most useful for wiping on bottoms of cisterns, &c., and large joints in awkward places, and for joining Electric wires, brazing Keys, &c.

No. 1, Brass, to contain 2 pints 15/- each.

No. 2, Brass, to contain 1 pint, 13/- each.

The "Ætna" produces a hotter flame than any other Brazing Lamp hitherto invented.

THE "VESUVIUS" PETROLEUM LAMP, FOR PAINTERS, Etc.



N 3090.

This Lamp is perfectly free from smell, soot and smoke, the flame is proof against draught or wind, and is easily regulated In practice is less expensive than any Lamp hitherto known on account of the cheapness of Petroleum, and its consumption being so trifling that only one-third of a pint is used per hour under the hardest pressure. It burns without a wick, the burner heating the Petroleum by its own flame and converting it into Gas. Explosion is impossible, because gas cannot possibly get into the tank, the latter containing only oil in liquid form, and the air that is pumped into it.

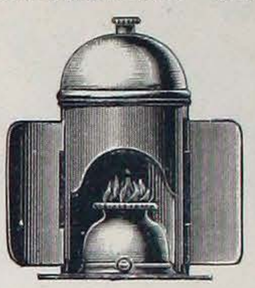
Gas is only developed in the Burner.

Every Lamp is tested under 45 lbs. pressure per square inch.

No. 1, Brass, to contain 2 pints ... ... 15/- each.
,, 2, ,, ,, 1 pint ... ... 13/- ,,

ORDINARY PAINT-REMOVING LAMP,

FOR METHYLATED SPIRITS.



N 4209. .. ... No. 3. 5/- No. 4. 6/- each.

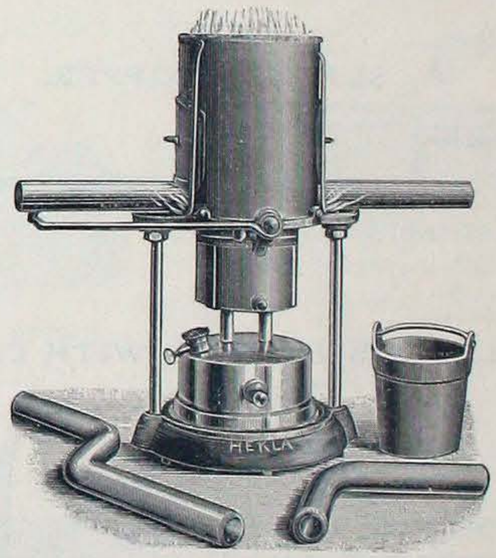
N 4210.—Soldering Lamps, without wings—

No. 1.	No. 2.	No. 3.
3/-	3/6	4/6 each.

Approximate Time of Burning:—

No. 1.	No. 2.	No. 3.
¾	1	1¼ hours.

THE "HEKLA" PORTABLE FURNACE.



N 3092.

This Furnace burns Petroleum Oil without wick, and is a very useful tool. Is free from smell, soot or smoke, economical in use, and has the advantage of being very portable. Is suitable for melting metals, heating soldering irons, bending iron pipes, tempering tools, &c., often taking the place of a Portable Forge.

No. 1.	No. 2.	No. 3.
One Burner,	Two Burners,	Three Burners.
34/-	37/-	45/-

SCREW PLATES.



N 6330.—Black Notched Clock—

8	9	10	12	14	16	18 sizes.
4/4	5/-	5/8	7/6	9/10	12/2	16/- each.

N 6332.—Bright Notched, between watch and clock—

8	10	12 sizes.
5/-	6/6	8/- each.

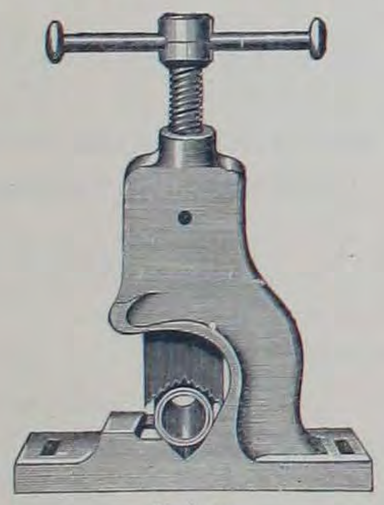
STOCKS & DIES FOR BRASS OR COPPER TUBE.



N 6333.

	Prices. With Dies only.	Prices. With Taper and Plug Taps for each size.
To screw – – ¼ ⅜ ½ in.	9/9	14/9 per set.
,, – – ⅜ ½ ⅝ ,,	9/3	14/9 ,,
,, – ¼ ⅜ ½ ⅝ ,,	9/9	16/9 ,,
,, ¼ ⅜ ½ ⅝ ¾ ,,	12/-	21/3 ,,

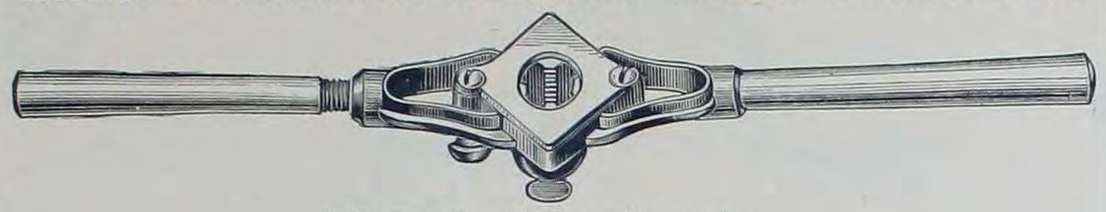
IMPROVED TUBE VICE.



N 6334.

Size No. 1 takes ⅛ to 1¼ inch	...	9/-	each.
,, 2 ,, ¼ ,, 2 ,,	...	11/3	,,
,, 3 ,, ½ ,, 3 ,,	...	16/-	,,

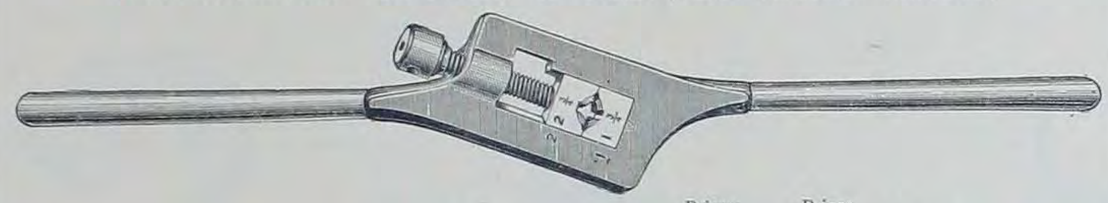
IMPROVED AMERICAN SCREWING STOCKS & SOLID DIES.



Price per set, with Dies only, no Taps—

N 6335.—For Iron Gas Tube, to screw ...	¼	⅜	½	¾ inch	...	17/6
,, ,, ,,	¼	⅜	½	¾	1 ,,	...	28/-
,, ,, ,,	...	...	½	¾	1 ,,	...	21/-
,, ,, ,,	...	...	¾	1	1¼ ,,	...	25/6
,, ,, ,,	...	...	1¼	1½	2 ,,	...	38/-

WARRANTED STOCKS & DIES, ENGLISH MADE.



					Prices. With Dies only.	Prices. With Taper and Plug Taps for each size.	
N 6336.—For Iron Gas Tube, to screw ...	⅛	¼	⅜ inch	10/-	18/-	
,, ,, ,, ...	½	¾	1 ,,	25/6	42/-	These sizes in stock.
,, ,, ,, ...	1	1¼	1½ ,,	56/9	86/9	
,, ,, ,, ...	⅛	¼	⅜	½ ,,	19/-	31/-	
,, ,, ,, ...	¼	⅜	½	¾	1 ,,	37/6	60/-	These or any other combination of sizes supplied to order.
,, ,, ,, ...	½	¾	1	1¼	1½ ,,	72/-	111/6	
,, ,, ,, ...	¾	1	1¼	1½ ,,	62/8	98/-	
,, ,, ,, ...	1	1¼	1½	2 ,,	69/4	123/6	
N 6337.—SMITHS', to screw	¼	⅜	½ ,,	7/6	16/3	
,, ,, ...	⅜	½	⅝ ,,	8/9	19/3	These sizes in stock.
,, ,, ...	½	⅝	¾ ,,	10/6	23/-	
,, ,, ...	⅝	¾	1 ,,	18/-	33/9	
,, ,, ...	¼	⅜	½	⅝ ,,	10/6	23/6	
,, ,, ...	⅜	½	⅝	¾ ,,	12/6	28/-	These or any other combination of sizes supplied to order.
,, ,, ...	½	⅝	¾	1 ,,	23/6	40/-	
,, ,, ⅜	½	⅝	¾	⅞	1 ,,	24/6	52/3	
N 6338.—ENGINEERS', to screw	½	⅝	¾ ,,	19/9	37/6	These sizes in stock. Any other combinations of sizes supplied to order.
,, ,, ...	⅞	1	1⅛	1¼ ,,	32/-	73/9	
,, ,, ... 1	1⅛	1¼	1½ ,,	49/9	99/-	



TAPER AND PLUG TAPS.

	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1	inch.
N 6344.—Flat Head, Smiths', cut to point, taper	1/4	1 7	1/10	2/-	2/3	2/8	3/-	3/8	4/4	each.
,, ,, ,, plug	1/-	1/2	1/3	1/4	1/6	1/7	1/10	2/-	2/4	,,
N 6346.—Engineers', either taper or plug ...	1/6	1/6	1/10	2/-	2/3	3/-	3/8	4/3	5/-	,,
	⅛	¼	⅜	½	⅝	¾	1	1¼	1½	inch.
N 6347.—For Iron Gas Tubes, either taper or plug	1/-	1/4	1/8	2/-	2/4	2/8	3/9	5/-	6/6	each.
N 6348.—For Brass, either taper or plug ...	—	8½d.	10d.	11½d.	1/1	—	—	—	—	,,

BURNER TAPS.





N 6339.—2/- each. N 6341, 3/6 each.

N 4213.—Plain T Handle ... 10d. each.

ROUGH TAPS for STOVE SCREWS.



N 6342. Up to 3/16 inch, 9d. each.

N 6343. ¼, 5/16, ⅜ inch, 9d. each.

TAP WRENCHES.

N 6350.—For Engineers' Taps—

⅜, ½ in.	½, ⅝ in.	¾, ⅞ in.	1, 1⅛ in.
4/6	5/3	8/-	9/9

N 6351.—For Iron Gas Taps—

¼, ⅜, ½ in.	¼, ⅜, ½, ¾ in.	½, ⅝, ¾, 1 in.	1, 1¼, 1½ in.
7/3	8/6	9/9	15/-



BIT STOCK DRILL.

N 4214. 1/16 1/8 3/16 ¼ 5/16 ⅜ 7/16 ½ inch.
3½d. 4½d. 6½d. 10d. 1/- 1/4 1/8 2/- each.

N 4215. Ditto with Straight Shank for Chuck—
3d. 4d. 5d. 8½d. 10d. 1 2 1/5 1/8 each.

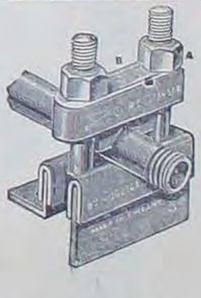


BIT STOCK TAPER RIMERS.

N 4216.

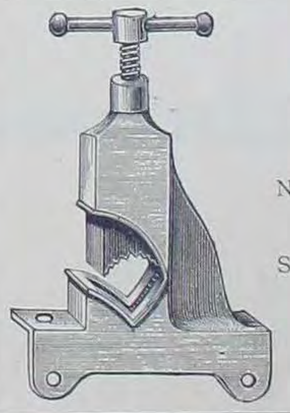
¼	5/16	⅜	7/16	½ inch.
2/6	2/9	2/9	3/-	3/- each.

PORTABLE TUBE VICE.



N 4217.

No. 1.	No. 2.
Will take ⅛ to 1½	½ to 3 in. tube.
Price ... 7/3	16/9 each.



LIGHT TUBE VICE.

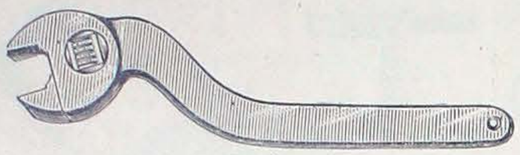
N 6349.—Size No. 1, takes ⅛ to 1 inch, 6/6 each.

Size No. 2, takes ¼ to 2 inch, 12/3 each.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

ENGINEERS' TOOLS.

CLYBURN SPANNER.



N 6360.

	10	12	15	18	21	24	inch.
To span	1	1¼	1½	1¾	2	2¼	,,
	5/-	6/4	7/9	9/6	11/-	14/-	each.

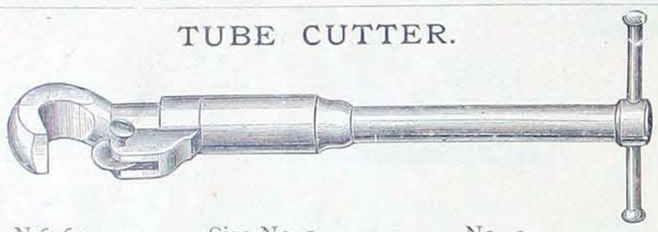
WEDGE SPANNER.



N 4220.

12	15	18	24	inch.
1/2	1/6	2/6	5/6	each.

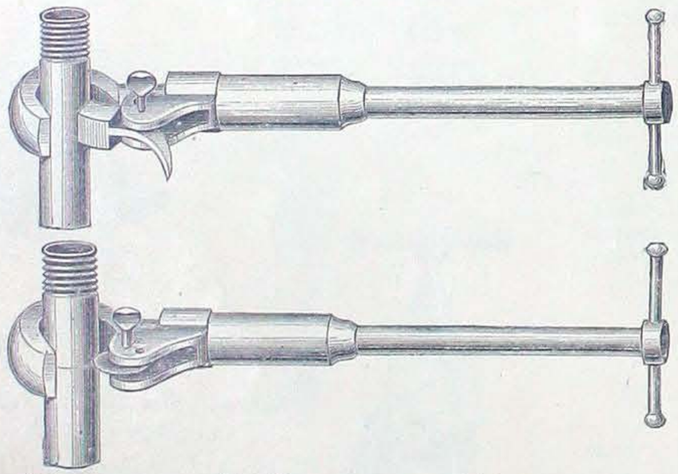
TUBE CUTTER.



N 6361. Size No. 1. To cut ¼ to 1 inch. 9/- To cut ⅛ to 1 inch. N 6362. 3-wheel 11/6

No. 2. 1¼ to 2 inch. 12/6 each. 1 to 2 inch. 17/6 ,,

COMBINED PIPE WRENCH AND TUBE CUTTER.



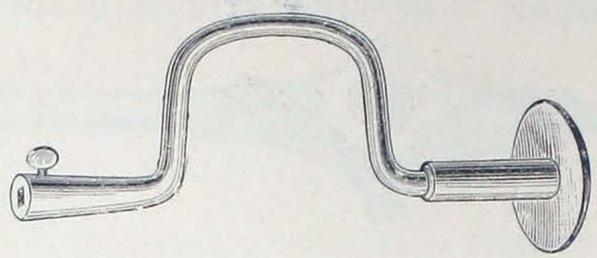
N 6363. Size No. 1. To cut ¼ to 1 inch, 10/-

No. 2. 1¼ to 2 inch, 16/- each.

Extra Wheels for Tube Cutters.

N 6364. For Size No. 1. 8d. No. 2. 10½d. No. 3. 1/3 each.

FITTERS' IRON BRACE.



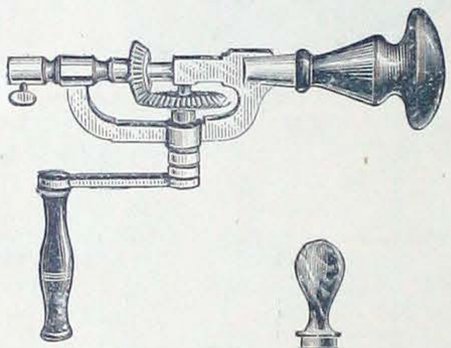
N 6365.—Bright ... ... 3/6 each.

ARCHIMEDEAN DRILL, complete with Bits.

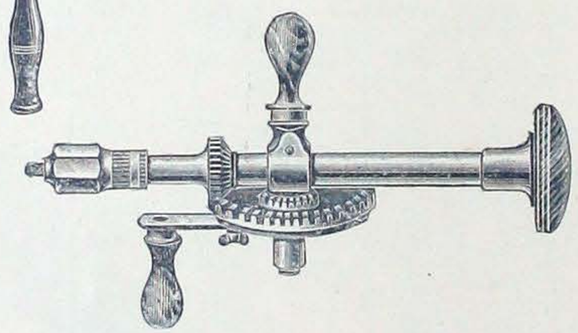


N 4221.	6	8	10	12	inch.
	1/3	1/6	1/9	2/-	each.

BREAST DRILLS.

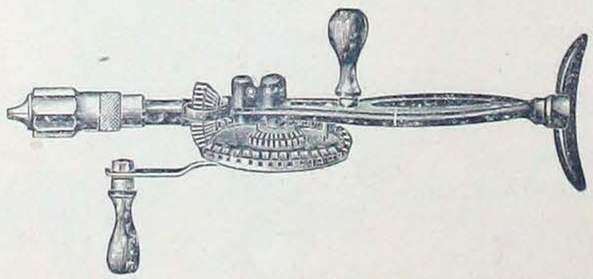


N 6366. Wood Head and Handle, without Drills, 6/- each.



N 4222.—Patent 2-speed, with ball bearing, Wood Head and Handle, 2 pair Jaws, and 6 Drills ... 11/- each.

N 4223.—Do. do., Nickel-plated ... 12/9 ,,



N 4224.—2-speed, with Wood Handles, and Ball Bearings, 2 pair Jaws, without Drills ... 10/- each.

GAS PLYERS.



	6	8	10	12	inch.
N 6368.—2-hole	11½d.	1/5	2/1	—	each.
N 6369.—3-hole	—	2/1	2/10	3/7	,,

N 6370.—Burner Plyer, 2-hole, with Wire Cutter, Turnscrew and Tomkin ... .. 6 9 inch. 1/9 2/10 each.

N 6371.—Ditto, with Flat Nose, Wire Cutters, and Turnscrew ... ... 5½ inch, 11½d. each.

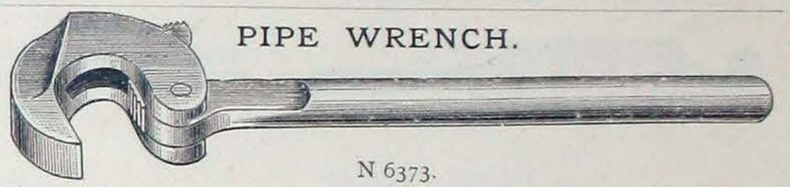
GAS TONGS.



N 6372.—To take	½	¾	1	1¼	1½	2	inch.
	1/9	2/2	2/6	3/-	3/8	4/6	each.

N 4225.—Blacksmith's Tongs, 20 inch, 1/6 each.

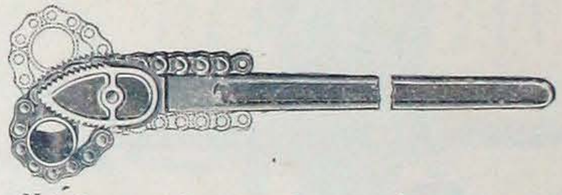
PIPE WRENCH.



N 6373.

Size ... No.	1	2	3	4	6	
To take ⅛ to ½ inch.	¼ to 1 inch.	½ to 1¼ inch.	1 to 2 inch.	1½ to 3 inch.		
3/-	4/3	5/9	7/9	14/6	each.	

CHAIN PIPE WRENCH.



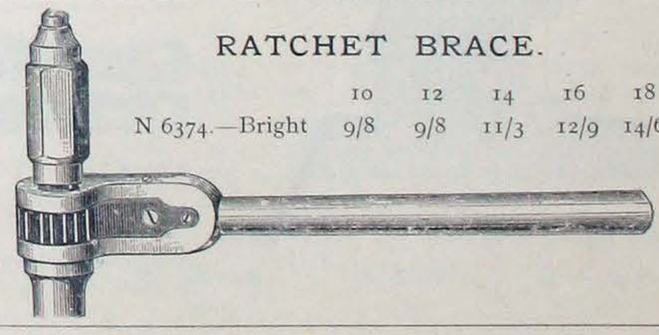
N 4266. No.	0	1	2	3	4	5	
To take ⅛ to ¾.	⅛ to 1½.	¼ to 2½.	¾ to 4.	1½ to 8.	2 to 12	inch.	
8/6	11/6	18/6	25/6	37/-	60/-	each.	

MACHINE-MADE PIPE WRENCH OR TONGS.



N 4227.	5¾	9	12	16	inch.
To take	⅛ to 1½.	⅛ to 2½.	¼ to 3.	½ to 3¾	,,
	11d.	2/3	3/8	6/8	each.

RATCHET BRACE.



	10	12	14	16	18	inch.
N 6374.—Bright	9/8	9/8	11/3	12/9	14/6	each.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

FLAT, HALF ROUND, SQUARE and ROUND FILES, FLAT AND HALF ROUND RASPS & FLOATS.

Rough and bastard.

To 4 inch	...	2/10 dozen.
5 ,,	...	3/6 ,,
6 ,,	...	4/3 ,,
7 ,,	...	4/8 ,,
8 ,,	...	5/9 ,,
10 ,,	...	8/3 ,,
12 ,,	...	11/10 ,,
14 ,,	...	16/6 ,,
15 ,,	...	19/10 ,,
16 ,,	...	23/9 ,,
18 ,,	...	33/- ,,

HORSE RASPS.

Machine cut.

¼ or ½ File.

14 inch	...	15/6 dozen.
15 ,,	...	19/- ,,
16 ,,	...	22/6 ,,

Single bevelled, 1/1 dozen extra.

Double ,, 2/1 ,, ,,

MASONS' RASPS.

10 × 1 × ¼ inch ... 7/- dozen.

BREAD RASPS.

20/8 dozen.

SECOND CUT HALF-ROUND RASPS.

5 inch	...	4/2 dozen.
6 ,,	...	5/- ,,
7 ,,	...	5/4 ,,
8 ,,	...	6/8 ,,
10 ,,	...	9/4 ,,
12 ,,	...	13/2 ,,
14 ,,	...	18/3 ,,
15 ,,	...	21/6 ,,
16 ,,	...	26/- ,,

MILL SAW FILES.

Single Cut

With 2 round edges.

6 inch	...	5/6 dozen
7 ,,	...	6/9 ,,
8 ,,	...	8/2 ,,
9 ,,	...	9/9 ,,
10 ,,	...	11/9 ,,
12 ,,	...	16/- ,,

REAPER FILES.

Double cut and plain, bevelled edge, knife shape, tanged or self handle.

8 inch ... 51/8 gross. 4/6 doz.

8 ,, best 71/6 ,, 6/3 ,,

Wood handled, knife shape—

8 inch ... 60/- gross. 5/3 doz.

MIDDLE CUT FLAT FLOATS.

6 inch	...	4/3 dozen.
9 ,,	...	6/8 ,,
12 ,,	...	12/- ,,

RIFFLER FILES.

8 inch	...	7/6 dozen.
10 ,,	...	11/- ,,
12 ,,	...	15/- ,,

TAPER SAW FILES.

Single Cut.

3½ inch	...	2/5 dozen.
4 ,,	...	2/8 ,,
4½ ,,	...	3/- ,,
5 ,,	...	3/4 ,,
5½ ,,	...	4/- ,,
6 ,,	...	4/6 ,,
7 ,,	...	5/9 ,,
8 ,,	...	7/3 ,,
9 ,,	...	9/4 ,,
10 ,,	...	11/6 ,,

SMOOTH AND CABINET FILES AND RASPS.

To 4 inch	...	4/2 dozen.
5 ,,	...	5/- ,,
6 ,,	...	5/9 ,,
7 ,,	...	6/4 ,,
8 ,,	...	7/6 ,,
10 ,,	...	10/6 ,,
12 ,,	...	14/8 ,,
14 ,,	...	19/10 ,,
16 ,,	...	28/8 ,,

HAND SMOOTH FILES.

4 inch	...	4/6 dozen.
5 ,,	...	5/6 ,,
6 ,,	...	7/- ,,
7 ,,	...	7/6 ,,
8 ,,	...	8/6 ,,
10 ,,	...	12/8 ,,
12 ,,	...	16/6 ,,
14 ,,	...	23/3 ,,

HAND, ROUGH AND BASTARD; ALSO 3-SQUARE BASTARD.

To 4 inch	...	3/3 dozen.
5 ,,	...	3/9 ,,
6 ,,	...	5/2 ,,
7 ,,	...	5/9 ,,
8 ,,	...	6/8 ,,
10 ,,	...	10/- ,,
12 ,,	...	13/9 ,,
14 ,,	...	19/10 ,,
15 ,,	...	23/9 ,,
16 ,,	...	27/6 ,,

STUBS' SAW FILES.

Taper or blunt.

3 inch	...	2/9 dozen.
3½ ,,	...	3/- ,,
4 ,,	...	3/6 ,,
4½ ,,	...	3/10 ,,
5 ,,	...	4/6 ,,
5½ ,,	...	5/- ,,
6 ,,	...	5/6 ,,
7 ,,	...	7/- ,,
8 ,,	...	10/- ,,
9 ,,	...	12/- ,,
10 ,,	...	14/- ,,

Frame.

3 inch	...	3/6 dozen.
3½ ,,	...	3/6 ,,
4 ,,	...	3/6 ,,
4½ ,,	...	4/- ,,
5 ,,	...	4/6 ,,
5½ ,,	...	5/- ,,
6 ,,	...	5/6 ,,
7 ,,	...	7/- ,,
8 ,,	...	10/- ,,

Gulletting.

4 inch	...	4/3 dozen.
4½ ,,	...	4/9 ,,
5 ,,	...	5/3 ,,
5½ ,,	...	5/9 ,,
6 ,,	...	6/3 ,,
7 ,,	...	7/9 ,,

WARDING FILES.

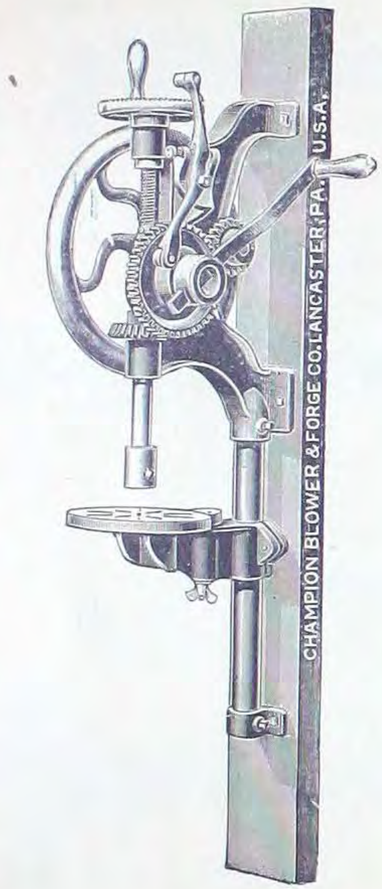
Assorted, 3/5 dozen.

If ordered in less quantity than ½ dozen of a size 10 per cent. extra will be charged.

DRILLING MACHINES.

The Machines shown in the following Illustrations are introduced to supply a long-felt want for a cheap and strong Machine suitable for Smiths, Country Ironmongers, &c. Each Machine is fixed to a strong plank, and in cases where out-door work is undertaken, the Machine can be taken to the job and fixed or tied to the nearest wall or post. All Machines are fitted with self-acting Feed, which can be regulated according to the metal or other work to be drilled.

THE CHAMPION SELF-FEED BLACKSMITH POST DRILL.



T 4246.

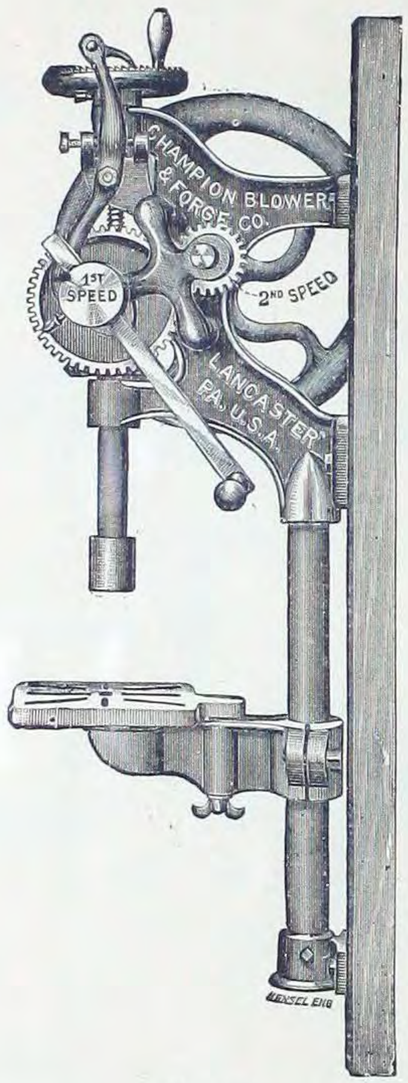
With Square Table.

Has one speed. Will drill a hole to 1 inch. Drills to the centre of 14½-inch circle. Has Spindle 1⅛-inch in diameter. Is bored to take in ½-inch straight shank drills.

Weight, 100 lbs.

For hand	...	..	... £1 17 6
For power	...	...	.. 2 7 6

THE WORLD'S CHAMPION SELF-FEED BLACKSMITH POST DRILL.



T 4247.

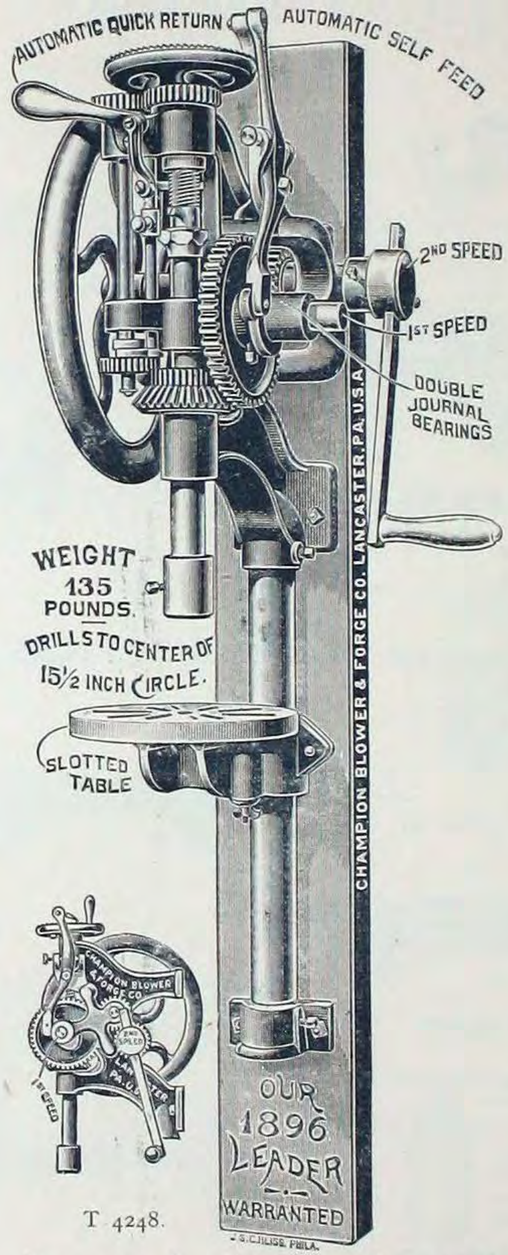
Has two speeds. Will drill a hole to 1¼-inch. Drills to the centre of 15-inch circle. Has Spindle 1⅛-inch in diameter. Is bored to take in ½-inch straight shank drills.

Weight, 125 lbs.

For hand	..	...	... £2 5 0
For power	...	...	... 2 15 0

THE CHAMPION QUICK-RETURN BLACKSMITH SELF-FEED POST DRILL.

With Automatic Quick-Return and Self-Feed.

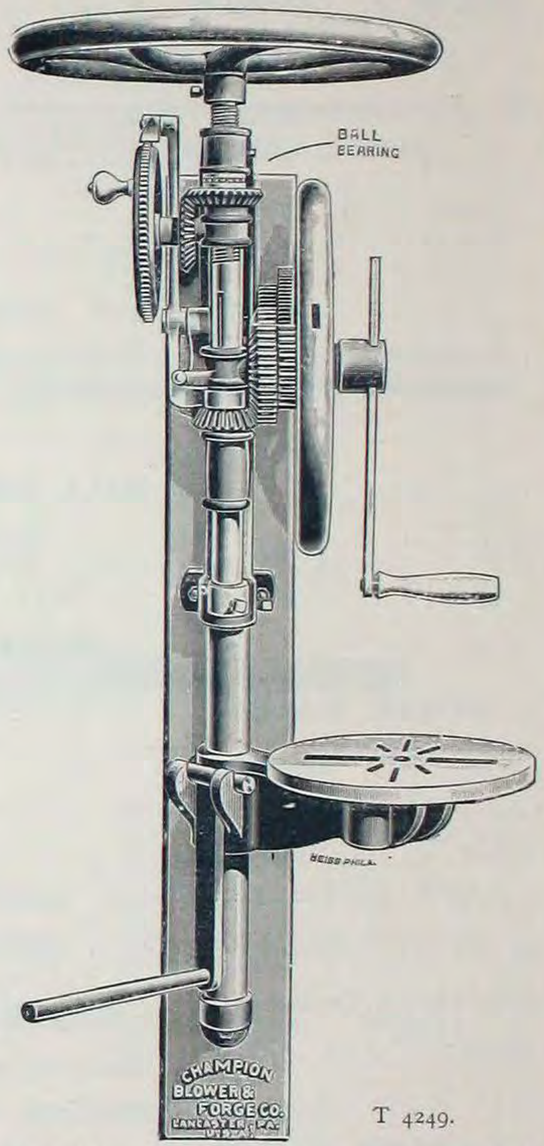


T 4248.

Has two speeds. Will drill a hole to 1¼ inch. Drills to the centre of 15½-inch circle. All bearings are ground to a working fit out of the solid metal. Splindle bored to take in ½-inch straight shank drills.

For hand	...	.	... £2 16 0
For power	...	...	... 3 6 0

THE CHAMPION NEW BALL-BEARING BLACK DIAMOND BLACKSMITH SELF-FEED POST DRILL.



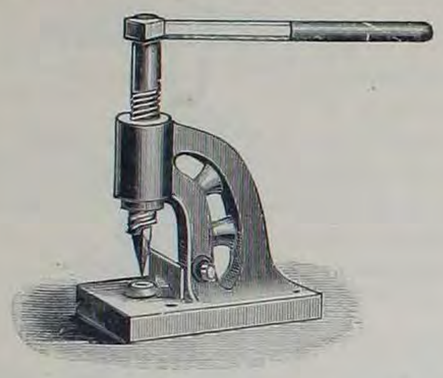
T 4249.

The Wheel Holder which is intended to hold and turn wheels on for drilling tire and preventing damage to painted wheels.

The second speed, for heavy drilling, is very convenient and is changed in an instant, simply a change of the crank handle into the side fly wheel. It will drill to the centre of an 18-inch circle. Spindle bored to take in ½-inch shank drills. Will drill a hole to 1½-inch. Weight 215 lbs.

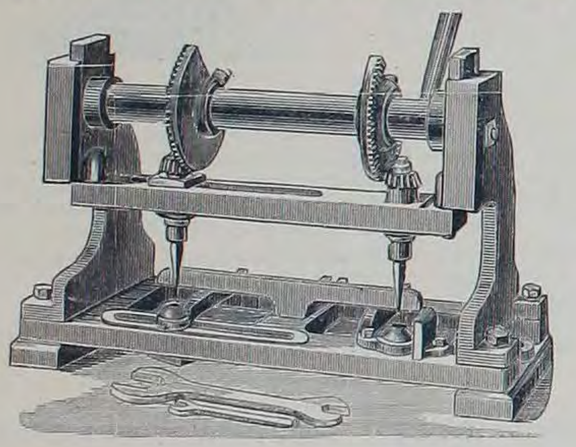
For hand	...	..	... £4 12 0
For power	...	...	... 5 6 0

SINGLE SLATE HOLING MACHINE.



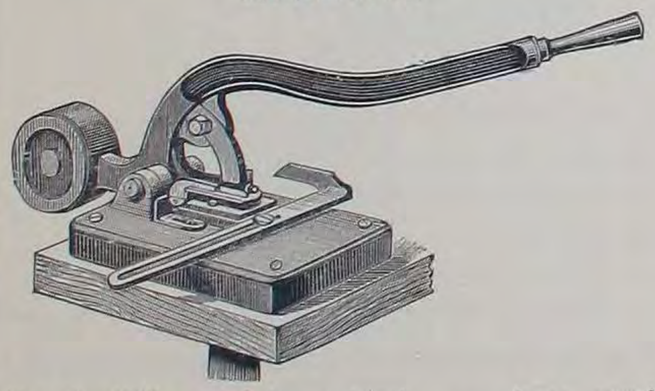
N 4236. ... ... £1 7 6 each.

DOUBLE SLATE HOLING MACHINE.



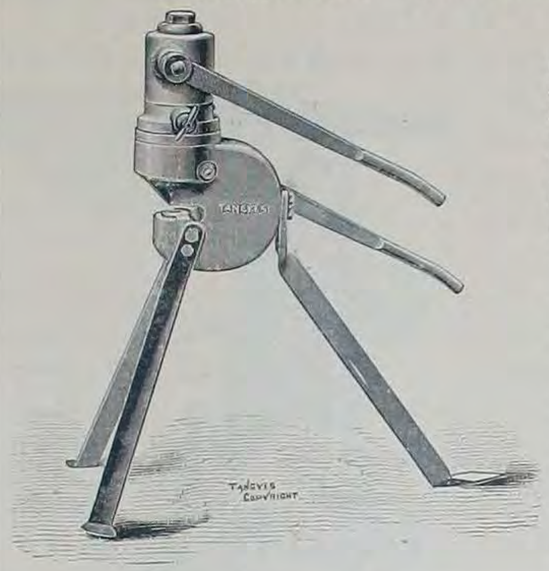
N 4237. ... ... £6 6 0 each.

VENETIAN BLIND PUNCHING MACHINE.



N 4238.—Will punch hole 1 × ⅜ inch ... £1 15 0 each.

HYDRAULIC PUNCHING BEAR.



T 4239.

Open mouth, wrought iron body mounted on three wrought iron legs, steel ram, cistern with wrought iron bottom, gun-metal pump and wrought iron plunger, wrought iron hand levers with one stamped steel pump wrench and one round steel punch and die.

If Nos. 2 and 2A are to be used with punches and dies smaller than $\frac{9}{16}$ in., or Nos. 3 and 4 with smaller than $\frac{11}{16}$ in., holders will be required at 5/- per pair. Bears are not supplied to punch holes of a diameter smaller than the thickness of the plate to be punched, because of the excessive strain on the punch. Instructions for using these bears are given n application.

Size No.	1	1A	2	2A	3	4
*To punch holes, diameter ... ins.	¾	1 3/16	1	1⅛	1¼	1½
*Through iron plates, thick ... ,,	½	⅝	¾	⅞	1	1⅛
From back of gap to centre of punch ,,	1¾	1¾	2	2	2¼	2½
Approx. weight ... ... lbs.	79	102	130	206	360	502
Prices	150/-	164/-	196/-	296/-	420/-	650/-

* These are given, as stated, for IRON PLATES. If it is required to punch similar holes through plates of harder material, a larger size bear must be used.

STEEL PUNCHES AND DIES.

To punch holes ... ins.	½	¾	¾	13/16	⅞	1	1¼	1½
Through iron plates, thick ,,	¼	⅜	½	⅝	⅝	¾	1	1⅛
Round ... Price per pair.	4/-	5/-	5/6	6/-	6/6	7/-	8/-	10/-
Oval ... ... ,, ,,	8/-	10/-	11/-	12/-	13/-	14/-	16/-	20/-
Square ... ,, ,,	8/-	10/-	11/-	12/-	13/-	14/-	16/-	20/-

A pair means one punch and one die. Intermediate sizes are charged at the price of the next larger size.

WHEEL PLATE, Flat or Dished.

N 4240.

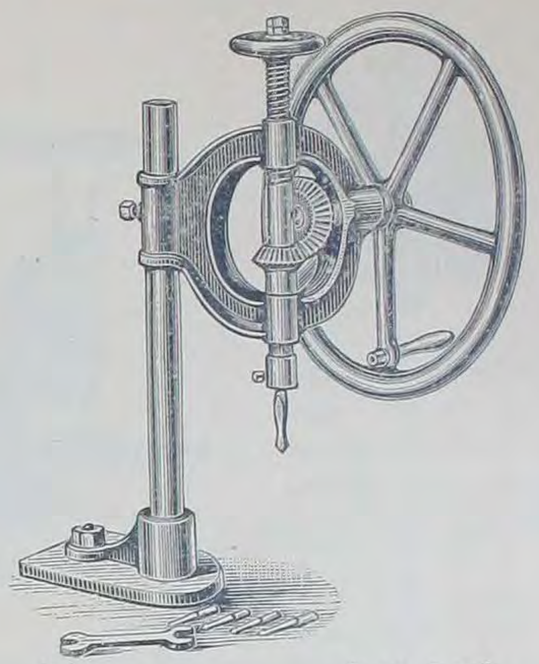


Made to any size or bevel required. Weights of some useful sizes of dished.

PRICE ON APPLICATION.

5 ft. diameter,	16 in. hole,	1 in. thick, about 6 cwt. 0 qrs. 14 lbs.
5 ft. ,,	16 in. ,,	1¼ in. ,, outside } 6 ,, 2 ,, 0 ,,
		× ¾ in. ,, inside }
5 ft. 6 in. do.	16 in. ,,	,, 8 ,, 2 ,, 0 ,,
5 ft. 6 in. do.	18 in. ,,	,, 8 ,, 0 ,, 0 ,,

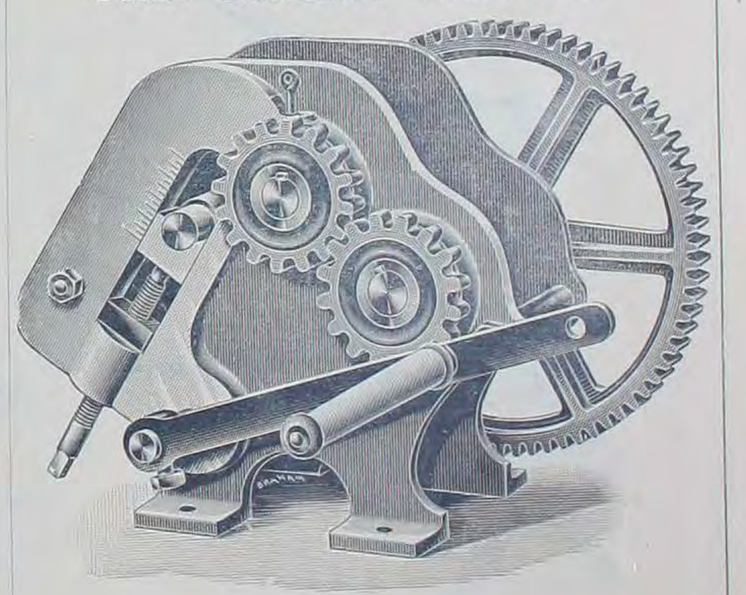
RADIAL PILLAR DRILLING MACHINE.



N 6367. ... ... £1 15 6 each.

Height, 1 foot 6 inches; drills holes up to ½ inch diameter, and in centre of 9 inches; depth of feed, 2½ inches.

TYRE BENDING MACHINE.



N 6510.

B size.—Rollers 6 ins. wide, will bend cold iron any size up to 5 × ¾ in. £4 4 0

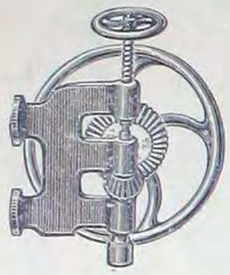
C size.—Rollers 8 ins. wide, will bend cold iron any size up to 6 × ⅞ in. £7 7 0

These are specially constructed for heavy work. By simply removing one inch-pin the top roller can be removed, allowing the tyre to be taken from or re-placed in the machine without difficulty.

The moveable roller is adjusted correctly by means of the scale which is attached to the bearings, as shown to the left hand side of the illustration.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

DRILLING MACHINES.



N 6390.

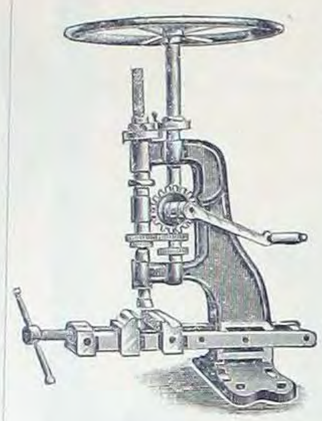
Wall Drilling Machine, single speed, hand feed motion.

Fly wheel 23½ in. diameter.

Drills up to ⅝ in. diameter.

Distance from centre of spindle to wall 8 in.

Price £2 0 0



N 3030.

Bench Drilling Machine, double geared, sliding parallel vice, with steel jaws, to fit frame at two different heights, self feeding motion.

Diameter of spindle 1 in.

Diameter of fly wheel 2 ft. 4 in.

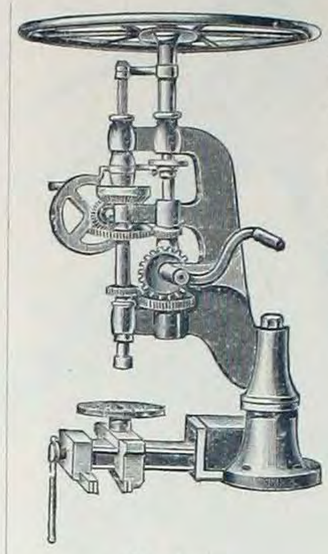
Drills up to 1 in. diameter.

Height 3 ft. 3 in. to top of wheel.

Gap from centre of Drill 7½ in.

Approximate weight 1½ cwt.

Price £4 18 6



N 4244.

Bench Drilling Machine, double geared, reversible sliding parallel vice with steel jaws and table, to fit frame at two different heights, self acting feed motion, with fly wheel for quick raising and lowering spindle. The top of machine can be swung round by loosening nut on top of pillar.

Diameter of spindle 1 1/16 in.

Diameter of fly wheel 2 ft. 7½ in.

Drills up to 1 in. diameter.

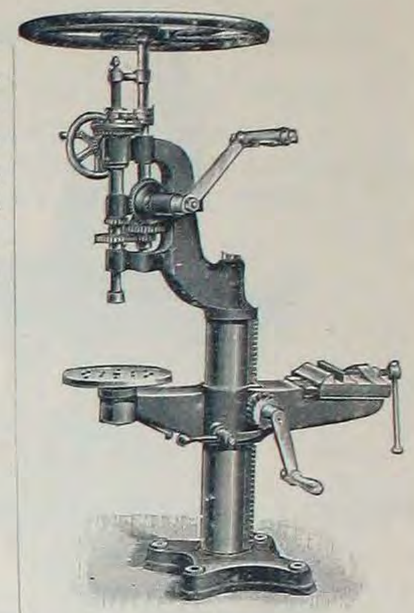
Diameter of face plate 11½ in.

Height 3 ft. 10 in. to top of wheel.

Gap to centre of drill 12⅜ in.

Approximate weight 2¼ cwt.

Price £6 14 6



N 6393.

Pillar Drilling Machine, double geared, self-acting feed motion, revolving table, having on one end a circular adjustable plate and parallel vice on the other. The top part of machine can be swung round by loosening the nut on top of pillar. Raising motion of the table by rack.

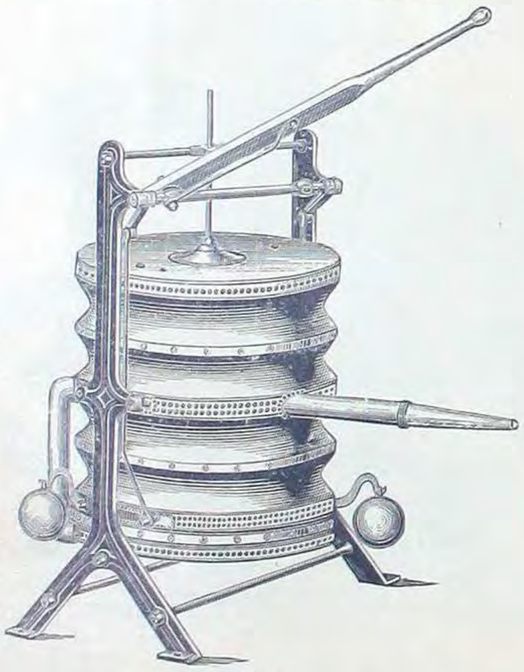
Drills up to 1 in. diameter. Diameter of face plate 12½ in.
Height 5 ft. 7 in. Gap to centre 12¼ in.
Approximate weight 3½ cwt.

Price for hand power £9 12 6
Ditto, with fast and loose pulleys ... 10 2 0

Also made in larger sizes.

Improved PATENT DOUBLE-BLAST CIRCULAR BELLOWS.

Mounted in iron frame complete



N 6394.

STANDARD QUALITY, Warranted—

18	20	22	24	26	28	30	32	34 in.
69/-	79/6	92/6	105/6	119/-	138/-	160/-	180/-	214/-

WEIGHTS—

For 18 & 20	22 & 24	26, 28 & 30	32 & 34 inch.
6/-	7/6	8/9	13 6 set extra.

IMPROVED PORTABLE FORGE.



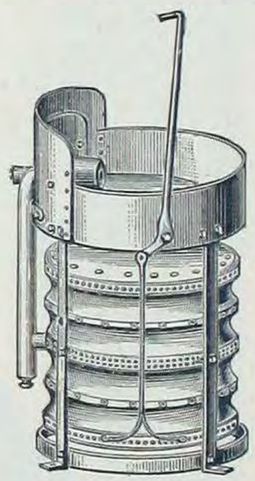
N 6595.

Size No. 1, 2 ft. 5 in. long, 2 ft. wide, 2 ft. 10 in. high, 24 in. bellows £4 6 0
Ditto, mounted on wheels as per drawing 5 11 6
Size No. 2, 2 ft. 2 in. long, 1 ft. 10 in. wide, 2 ft. 7 in. high, 22 in. bellows ... 3 19 6
Ditto, mounted on wheels... ... ... 5 5 0
Size No. 3, 2 ft. 2 in. long, 1 ft. 8 in. wide, 2 ft. 6 in. high, 20 in. bellows... ... 3 9 0
Ditto, mounted on wheels 4 15 0

Above, if with vice attached, 22/- each extra.

2 ft. long, 1 ft. 6 in. wide, 2 ft. 6 in. high, 18 in. bellows 3 1 0

IMPROVED SINGLE-BLAST RIVET FORGE.



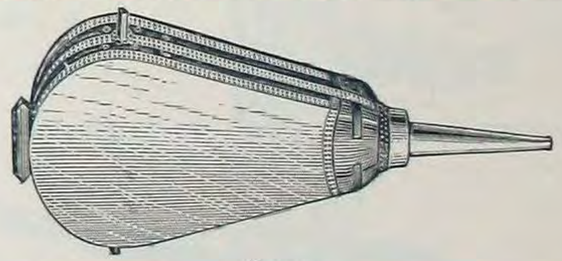
N 6396.

1 ft. 6 in. wide, 2 ft. 4 in. high, 16 in. bellows £2 10 0
*1 ft. 8 in. wide, 2 ft. 4 in. high, 18 in. bellows 2 12 6
*1 ft. 10 in. wide, 2 ft. 4 in. high, 20 in. bellows 2 19 6
*2 ft. wide, 2 ft. 10 in. high, 22 in. bellows 3 8 6
2 ft. 2 in. wide, 2 ft. 10 in. high, 24 in. bellows 4 1 6

*Sizes generally supplied.

Prices of Double-Blast on application.

LONG SHAPE SMITHS' BELLOWS.



N 6397.

Best warranted extra leathered and double nailed.

24	26	28	30	32	34	36	38	40	42 in.
41/6	49/-	55/-	65/-	75/-	90/-	115/-	143/-	180/-	215/-

Extra best, extra leathered and double nailed, with two frames in top.

46/6	54/6	61/-	72/6	83/6	100/-	127/6	159/6	200/-	240/-

Prices of smaller or larger sizes on application.

Packing in canvas, up to 30 in., 1/6 per pair extra.
Ditto above 30 in., 2/- ditto

These qualities are generally supplied, but cheaper can be had if desired.

Any description of Smith's Bellows made to order.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

HAMMERS.



N 6398.



N 6399.



N 6400.



N 6401.

N 6398.—All Cast Steel Engineer's, either ball, straight, or cross pane, 1 lb. and upwards, 8d. per lb.
Ditto ditto ½ and ¾ lb., 9d. each.

N 6399.—All Cast Steel Smith's Hand, cross or straight pane, or double faced, 2 lbs. and upwards, 8d. per lb.

N 6400 or N 6401.—All Cast Steel Sledge, either cross or straight pane, or double faced, 6 lbs. and upwards, 5d. per lb.

Hickory Handles—	15	18	21 inch.
	2/2	2/9	3/2 dozen.
	2½d.	3d.	3½d. each.
Ash Handles—	18		24 inch.
	1/10		2/9 dozen.
	2d.		3d. each.

	Dozen.	Each.
Hickory Sledge Handles, 36 in. ...	6/6	8d.
Ash ,, ,, 36 in. ...	4/-	5d.

SMITH'S ANVIL.



N 6404.

Smith's ordinary pattern, ¾ to 5 cwt. each, first quality, warranted, 33/6 per cwt.

Farrier's, with steeled bicks, 1/6 per cwt. extra.

Cheaper quality supplied, but not recommended.

NEW PATTERN SWAGE BLOCKS.



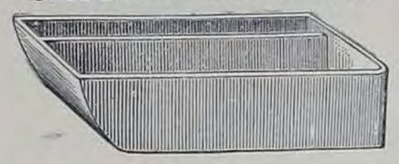
N 6408.

17 in. × 17 in. × 5½ in. will weigh about 2 cwt. 2 qrs. 20 lbs., per cwt.

12¼ in. × 12¼ in. × 4½ in. will weigh about 1 cwt. 15 lbs. per cwt.

Cast iron Stands for the above, per cwt.

SMITH'S TROUGH.



N 6409.

Made in a variety of sizes and shapes.
Price as drawn, with round end and divisions, 3 ft. long × 16 in. wide (9 in. for coal and 7 in. for water) × 12 in. deep, 32/- each.
Smiths' Cones also supplied.
For Wheelplates, see page 73.

IMPROVED SMITH'S HEARTH BACK, WITH TUE IRON.

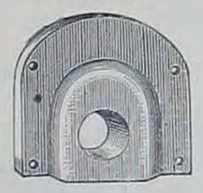


N 6402.
Size of Blast Hole.

Size 13 × 14 in. ...	¾ to 1 in. ...	6/3 each.
,, 14 × 15 in. ...	⅞ to 1⅛ in. ...	7/9 ,,
,, 15 × 16 in. ...	1 to 1¼ in. ...	10/- ,,
,, 18 × 19 in. ...	1⅛ to 1⅜ in. ...	14/6 ,,

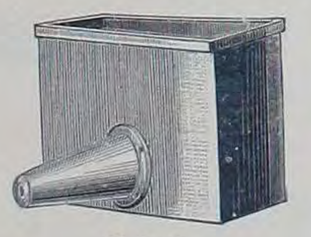
If with nuts, pins, and plates, 2/- extra.

HEARTH BACK FOR WATER BOSH.



N 6405.—Size 18 in. high × 19 in. wide, 12/6 each.
,, 15 in. ,, × 16 in. ,, 8/3 ,,
With nuts, pins, and plates complete.

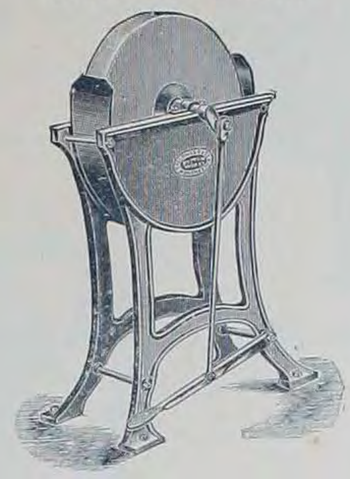
IMPROVED WATER BOSH.



N 6406.

Size of Bosh or Cistern. Long.	Deep.	Wide.	Size of Blast Hole.	Each.
1 ft. 9 in.	1 ft. 9 in.	7½ in.	⅞ to 1⅛	31/-
2 ft.	1 ft. 11 in.	9 in.	1⅛ to 1⅜	36/6
2 ft. 3 in.	2 ft. 1 in.	10½ in.	1¼ to 1⅝	47/-

GRINDSTONES.



N 6412.

Improved Grindstones, in cast frame, wrought treadle and handle.

With stone 18 × 3 in. ... ... 32/- each.
,, ,, 24 × 4 in. ... ... 52/- ,,

N 6413.—Grindstones in cast-iron trough, best quality stones and well fitted.

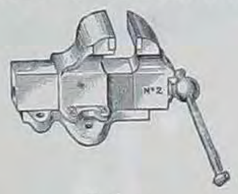
6 in.	8 in.	10 in.	12 in. stone.
6/-	8/-	10/-	12/- each.

N 6414.—Price of Grindstones only, best blue, similar to Bilston.

6 in.	8 in.	10 in.	12 in.	15 in.	18 in.
1/2	1/8	1/11	2/2	2/11	4/- each.

24 × 3½	30 × 4	36 × 4½	42 × 5½	48 × 6½ in.
5/6	10/-	18/-	27/6	38/- each.

IMPROVED PARALLEL VICE.



N 6403.

Made of best cast-iron, with steeled jaws.

No. 0, opens	2⅜ in.,	width of jaw,	2½ in.,	6/3 each.
,, 1, ,,	3¼ in.,	,,	3 in.,	7/3 ,,
,, 2, ,,	4 in.,	,,	3½ in.,	11/3 ,,
,, 3, ,,	4¾ in.,	,,	4 in.,	15/6 ,,
,, 4, ,,	5½ in.,	,,	4½ in.,	22/- ,,

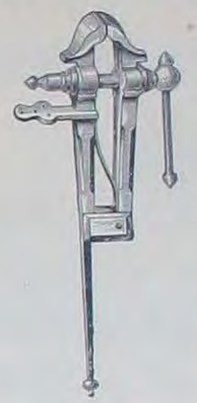
INSTANTANEOUS GRIP VICE.

N 3084.—For Engineers and Metal Workers.

No.	Width of Jaw.	Opening.	Weight.	Price.
5	3¼ in.	3⅜ in.	33 lb.	£1 6 6
6	3⅜ in.	4½ in.	42½ lb.	1 12 6
7	4¼ in.	4⅜ in.	61 lb.	1 18 0
8	5¼ in.	6½ in.	75 lb.	2 3 9
8a	6 in.	6½ in.	80 lb.	2 9 6

Larger and special sizes quoted for on application.

SMITH'S VICE.



N 6407.

Black Staple, solid box, 30 lbs. each and upwards, first quality, warranted, 5¾d. per lb.

Under 30 lb., 6¼d. per lb.

Approximate weights.

Width of jaw.

3	3½	4	4½	5	5½	6	6½ in.
23	33	45	58	72	95	104	127 lbs.

Spare solid boxes and pins, 11½d. per lb.

IMPROVED PORTABLE VICE BENCH.



N 6411.

Small size, fitted with best warranted solid Box Vice, 3½ in. jaws, weight about 30 lbs. £2 1 0

Medium, fitted with best warranted solid Box Vice, 4½ in. jaws, weight about 56 lbs.... ... ... 2 14 6

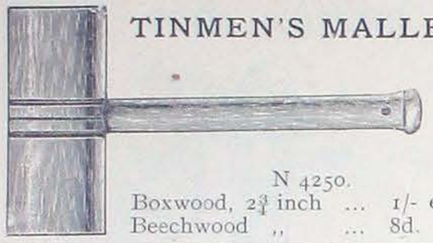
Large size, fitted with best warranted solid Box Vice, 6 in. jaws, weight about 85 lbs.... ... ... 3 12 6

Also supplied mounted on wheels, or fitted with parallel vice.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

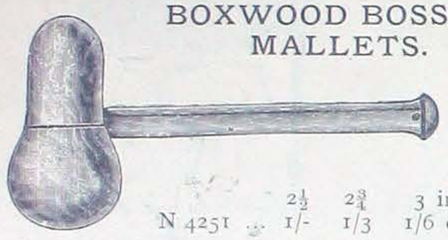
PLUMBERS', GLAZIERS', AND TINMEN'S TOOLS.

TINMEN'S MALLETS.



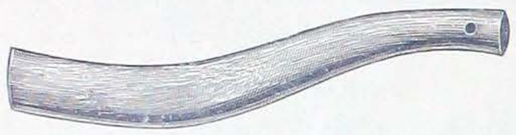
N 4250.
Boxwood, 2¾ inch ... 1/- each.
Beechwood ,, ... 8d. ,,

BOXWOOD BOSSING MALLETS.



	2½	2¾	3 inch.
N 4251 ...	1/-	1/3	1/6 each.

BOXWOOD BOSSING STICKS.



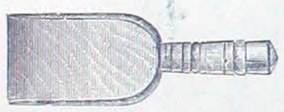
	13	14	15 inch.
N 4252	1/2	1/4	1/7 each.

PLUMBERS' DRESSERS, BEECHWOOD.



N 4253 ... ... 1/- each.

BOXWOOD CHASE WEDGES.



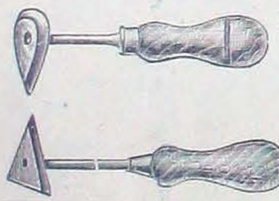
	2	2½	3 inch.
N 4254	9d.	10d.	1/- each.

BOXWOOD TURN PINS.



	1	1½	2	2½ inch.
N 4255 ...	2d.	3d.	4½d.	8½d. each.

PLUMBERS' SHAVE HOOKS.



N 4256.—Egg shape, straight or bent, 7d. each.

N 4257.—3 Square ditto, 7d. each.

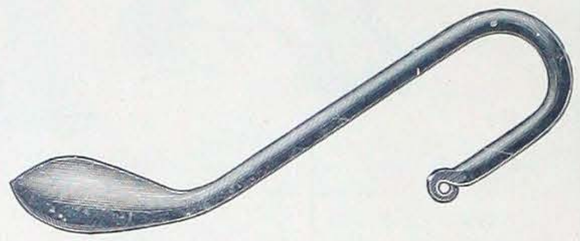
STONE MASONS' MALLETS.



N 4258.—Beechwood.

6	7	8 inch.
1/4	1/10	2/8 each.

PLUMBERS' SOLDERING IRONS.

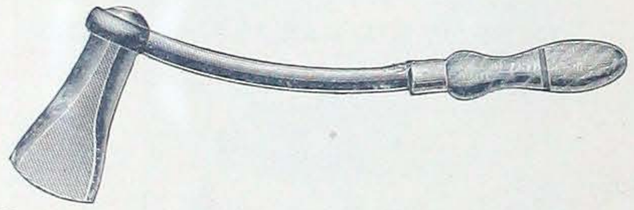


	2½	3	3½	4 lbs.
N 4259	1/8	2/-	2/4	2/8 each.

TINMEN'S SOLDERING IRONS.



N 4260.— Straight	½	¾	1	1¼	1½	1¾	2 lb.
	2/2	2/6	2/9	3/-	3/4	3/9	4/3 each



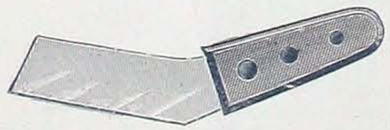
N 4261.— Hatchet shape	½	¾	1	1¼	1½	1¾	2 lbs.
	2/2	2/6	2/9	3/-	3/4	3/9	4/2 each.

PLUMBERS' MELTING LADLES.



	2½	3	3½	4	4½	5	6	7	8 inch.
N 4262.—	9d.	10d.	11d.	1/1	1/4	1/7	2/3	2/9	3/3 each.

PLUMBERS' CHIPPING KNIVES.



N 4263.—5 inch ... ... 1/2 each.

HACKING KNIVES.



	4	5	6 inch.
N 4264	1/-	1/2	1/7 each.
N 4265.—Straight back	7d.	8d.	—. ,,

GLAZIERS' PUTTY KNIVES.



N 4266.—Notched, 4 inch ... ... 8d. each.
N 4267.—Plain, 4 ,, ... 7½d. ,,

PUTTY OR STOPPING KNIVES.



N 4268.—5 inch ... ... 9½d. each.
N 4269.—Chisel point do. 4½ × 2 inch 11d. ,,

PALETTE KNIVES.



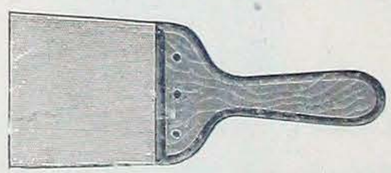
	6	7	8	9	10	12 inch.
N 4270	10d.	1/2	1/6	2/-	2/6	— each.
N 4271.— Balanced handle	1/1	1/5	1/8	2/2	2/8	4/6 ,,

PAINTERS' STRIPPING KNIVES.



N 4272.
5 inch × 3 inch, 1/4 each.

PAPERHANGERS' STRIPPING KNIVES.



N 4273.
4 inch .. 8d. each.

PAPERHANGERS' SCISSORS.



	9	10	11 inch.
N 4274	3/-	3/9	4/6 pair.



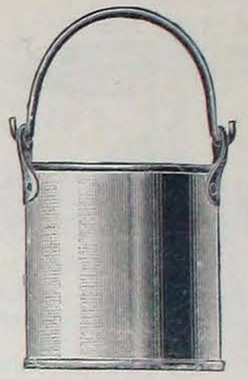
GLASS CUTTERS.

N 4275 ... ... 6d. each.

GLAZIERS' DIAMONDS.

N 4276.—C quality, for crown glass ... 11/6 each.
B ,, large spark ,, ... 16/- ,,
A ,, for sheet glass ... 20/- ,,
S ,, ,, thin plate glass... 24/- ,,

PAINT KETTLES.



No.	2/0	0	1	2	3	
	1	2	3	4	6	pints.
N 4277.—Tin	4½d.	7d.	10d.	1/-	1/3	each.
N 4278.—Galvanized Iron, with hook—	6	7	8	inch.		
	8d.	10d.	1/-	each.		

GLUE POTS.



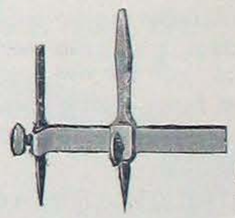
N 4279.—Tinned pan—

½	1	1½	2½	3½	5	pints.
1/4	1/8	2/3	3/4	4/6	5/8	each.

N 4280.—Copper pan—

½	1	1½	2½	3½	5	pints.
2/8	3/1	4/3	5/8	7/9	9/8	each.

WASHER CUTTER.



N 4281.

Single ... 2/6 each.
Double .. 3/6 ,,

GLASS PLIERS.



N 4282.—7 inch ... ... 2/3 pair.

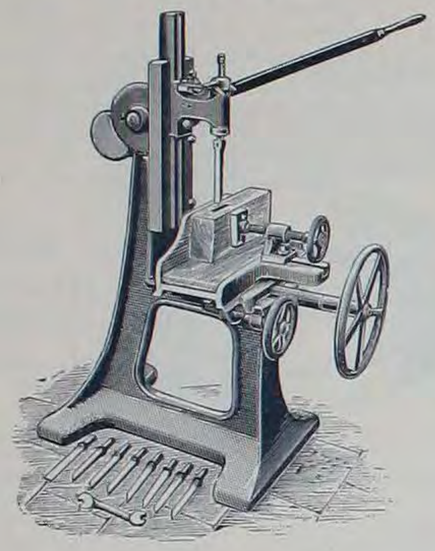
OIL STONES



	Per lb.
N 4283.—Turkey, 8 or 9 × 2 × 1¼ in.	1/6
N 4284.—Washita, do. do.	1/4
N 4285.—Canadian, 7 to 8 × 2 to 2¼ × ¾ to 1¼ in.	5d.
N 4286.—Turkey slips, 4 to 5 in. each	11d.
N 4287.—Washita do. do. ,,	8d.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

THE "CHALLENGE" MORTICING MACHINE.



N 6500.

In designing and constructing the above machine, the maker's aim has been to make a Mortice Machine to come in at an exceedingly low price, and which for simplicity, efficiency, and accuracy in all its working parts, cannot be surpassed.

It is suitable for working either hard or soft wood, thus making it a most acceptable machine for all classes of joiners, builders, cabinet makers, &c., &c.

The frame itself is made all in one casting. By this means a strength and solidity is given to the machine, which is not only very desirable but very necessary where good work is required to be done.

The wrought iron lever which is used for bringing the chisel down to its work is so placed that when the workman is using the machine he stands in an easy and convenient position for operating on and seeing the work he is doing.

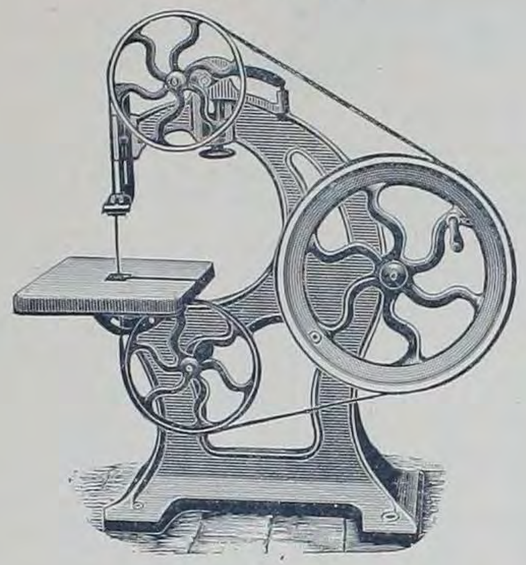
The chisels are made from a high-class steel, specially manufactured for morticing purposes.

Each chisel is fitted with a pin, which fits in the slot hole in a taper socket in chisel box, this keeps it immovable and perfectly true in reversing, thus by a half turn of chisel box handle the chisel is reversed truly.

This machine will mortice 6 inch deep, and take work on the movable table 16 inch × 7 inch. Weight of machine, 3 cwt. 3 qrs.; with boring apparatus, 4 cwt.

	£	s.	d.
Price of machine including eight chisels, ¼ inch to ¾ inch, one spanner and one core driver (without boring apparatus)	8	8	0
Price of machine with boring apparatus, including three bits for iron, and three for wood ...	9	9	0

THE IMPROVED "GEM" BAND SAWING MACHINE.



N 6501.

Having often had enquiries for a good Hand Band Saw Machine, and one that could, when required, be converted into a machine to be worked by steam power, we can recommend above machine as being such an one. It is strongly built, the pillar being one solid casting; it is compact and complete in itself, occupies little room, and works by hand with greater ease than any other hand machine of its class. We introduce it to the trade with full confidence in its working, feeling certain that it will not fail to give satisfaction to anyone requiring such an article.

It is fitted with tension motion to allow for expansion or contraction of saw whilst working.

The table is made to cant for cutting work on the bevel.

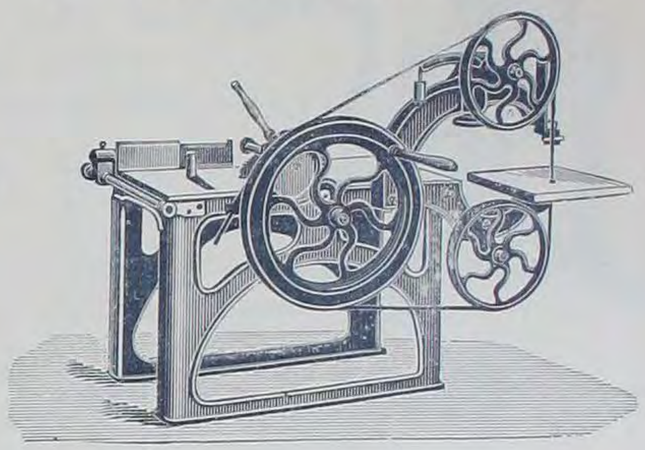
It will admit of work 11 inch deep.

When worked by steam power, speed of driving pulleys should be about 100 revolutions per minute.

	£	s.	d.
No. 2 size, with band saw pulleys each 16 inch diameter, and fly-wheel 28 inch diameter, with angle bracket for tenoning, one screw-key, and one ⅜ inch saw, sharpened and set ready for use. Weight, 5 cwt. 2 qrs. ... Price	10	10	0
No. 1 size, with band saw pulleys each 20 inch diameter, and fly-wheel 32 inch diameter, with angle bracket for tenoning, one screw-key, and one ⅜ inch band saw sharpened and set ready for use. Weight, 7 cwt. ... ... Price	13	10	0
A boring apparatus, with 1 inch auger, may be attached to either machine... Price extra	2	0	0
Either machine may be made so as to work by steam power, by placing a pair of pulleys behind fly-wheel. With one pair 9 in. pulleys, price extra	0	12	6
Ditto, with one pair 12 inch pulleys ,,	0	15	0
Belt, fork, and striking gear for ditto ,,	0	12	0

For steam power the No. 1 size is recommended.

HAND-POWER COMBINED CIRCULAR AND BAND SAWING MACHINE.



N 6502.

Will cut with 14 inch circular saw, 4½ inch deep, with band saw 6 inch deep. Approximate weight, 8 cwt. 2 qrs.

Table for above bench is 4 feet × 2 feet, substantially made of iron, planed true on the top. It is fitted with rising and falling spindle, self-acting feed motion; parallel fence made to cant so as to cut bevels, and also to turn over end of bench, to be out of the way of cross cutting. It is also fitted with weight and roller, for keeping timber to fence.

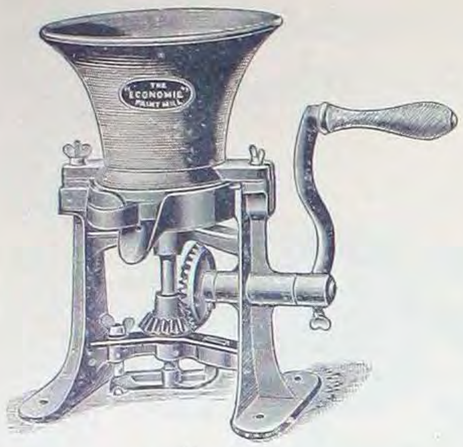
With this bench one man can cut 3 inch deep at the rate of 10 feet in four minutes, or 2 inch deep at the rate of 10 feet in 2 minutes, thus effecting a saving of 150 per cent. over what can be done with the hand saw.

Band saw apparatus is fitted with square table, made so as to cant over for cutting to any bevel: with this may be cut any irregular, curved, or ornamental design, with an ease not attained before by any hand power-machine. The band saw is fitted with a new arrangement for securing equal tension to saw at all times.

	£	s.	d.
Price of above machine, with one each 9 inch and 14 inch circular, and one band saw ⅜ inch ...	22	0	0
Ditto, if with boring apparatus, and one patent auger	24	0	0
Ditto, if with patent apparatus for steam power as well as hand ... ... extra	2	0	0
Ditto, if for steam power only and not for hand ,,	1	10	0
Price for band saw apparatus, to attach to wood bench with one saw ⅜ inch	8	0	0
Hand power circular saw bench only, with one each 9 inch and 14 inch saw, feed motion, and six rollers for extending bench...	12	10	0
Ditto, without feed motion or the six rollers ...	10	10	0
If prepared to work by hand or steam ... extra	0	10	0

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

LIFTING JACKS, PAINT AND MORTAR MILLS, SCREENS, &c.



NEW PATTERN PAINT MILL.

WITH LATEST IMPROVEMENTS.

N 3094.

Diameter of Grinding Cones.	Diameter of Hopper at Top.	Approximate Capacity of Hopper.	Approximate Weight of Mill.	Price each.
4½ ins.	7½ ins.	1 quart	22 lbs.	30/6
6 ,,	10½ ,,	1 gallon	38 ,,	45/-
6 ,,	fitted with fast and loose pulleys, belt fork and pedestal for power			64/-

This Mill is recommended as the best value in the market, and the six-inch is a useful size for most workshops.

The grinding parts are fitted very accurately, the cones being cut by special machinery, so that colours can be finely ground for best work; also by a simple adjustment the machine can be used for grinding up old paint or mixing colour with rapidity.

The Hopper and Trough are lined with porcelain enamel, so as to be easily cleaned, and a spout is provided for delivering the ground material, which is a great improvement. By means of a simple adjustment, the Mill can be instantly converted into an excellent mixer.



BOTTLE JACKS.

N 6516.—With cast iron frame.

Size No.	Height when down.	Diameter of Screw.	Tested to	Price.
1	12 in.	1½ in.	1½ ton.	£0 5 9
2	15 ,,	1½ ,,	2 ,,	0 6 9
3	18 ,,	1¾ ,,	4 ,,	0 8 9
4	21 ,,	1⅞ ,,	5 ,,	0 10 0
5	24 ,,	1⅞ ,,	6 ,,	0 13 0
6	24 ,,	2⅛ ,,	8 ,,	0 15 3
7	24 ,,	2⅜ ,,	10 ,,	0 18 0



HALEY'S SCREW JACKS.

N 6517.—With forged steel pinions and wrought iron case hardened wheels, with wood cases.

Size No.	Height when down.	Diameter of Screw.	Tested to	Price.
1	29 in.	1¾ in.	2 ton.	£2 3 0
2	31 ,,	2 ,,	4 ,,	2 13 6
3	32 ,,	2¼ ,,	6 ,,	3 1 0
4	34 ,,	2½ ,,	8 ,,	3 15 0
5	34 ,,	2¾ ,,	10 ,,	4 2 6
6	37 ,,	3 ,,	12 ,,	5 4 6
7	39 ,,	3½ ,,	16 ,,	8 0 6
8	40 ,,	3⅞ ,,	20 ,,	10 5 6

Nos. 1 and 2 are not sent with Side Handles.

PHIPPS' PATENT LIFT, PULL AND PUSH JACK AND CRAMP.



WITH LUGS FOR CHAIN, HOOK, WIRE OR ROPE.

N 3086.

These extremely useful little Tools will be found most handy for a thousand purposes, are very strong and well fitted, and possess great power. The Central Block and Screws are a Solid Steel Forging, with right and left hand Square Thread. The Heads are Malleable Iron.

Mechanics who have used them, declare they are just the article so much wanted in every workman's kit, are a marvel of cheapness, and will save time and money.

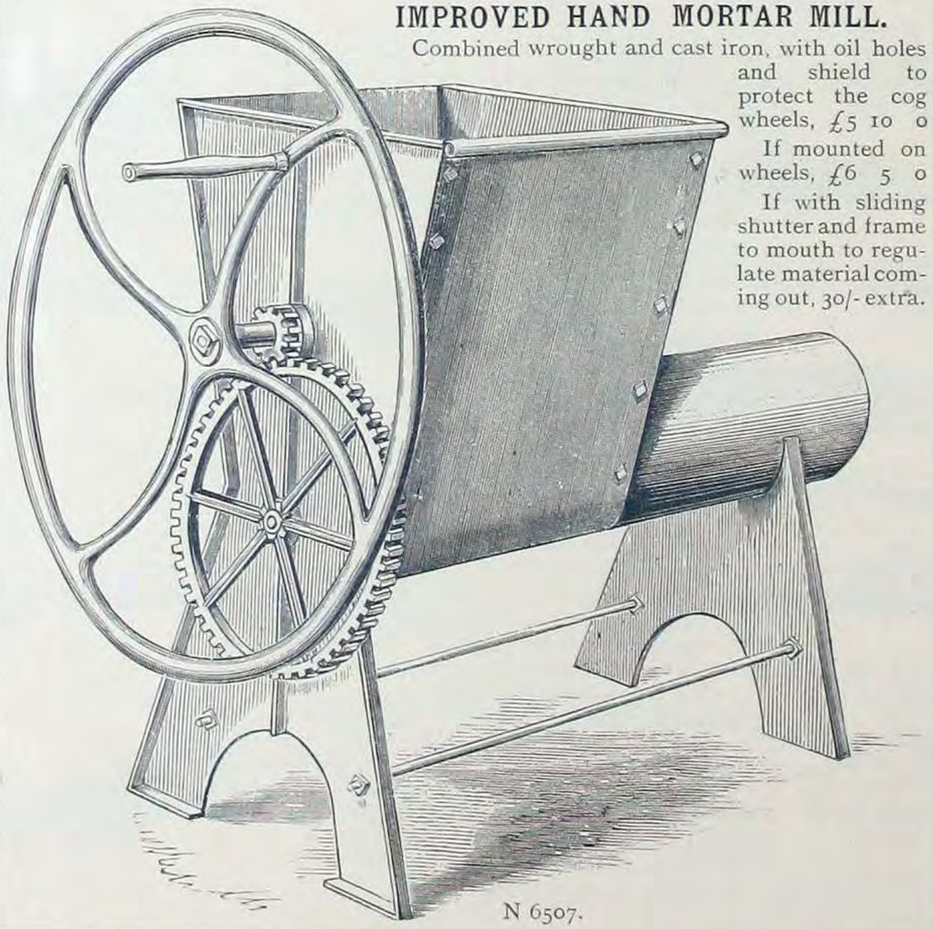
	Size.	Height when Down.	Diam. of Screw.	Price.	Weight Lbs.
A	1 ton.	6 in.	⅞ in.	8/6	2¾
B	1 ,,	8 ,,	1 ,,	8/6	4½
C	1½ ,,	10 ,,	1¼ ,,	11/-	9½
D	2 ,,	12 ,,	1½ ,,	13/6	13½
E	4 ,,	14 ,,	1¾ ,,	19/-	21½
F	6 ,,	16 ,,	2 ,,	24/-	34
G	8 ,,	18 ,,	2¼ ,,	29/6	48
H	10 ,,	20 ,,	2½ ,,	39/6	75

IMPROVED HAND MORTAR MILL.

Combined wrought and cast iron, with oil holes and shield to protect the cog wheels, £5 10 0

If mounted on wheels, £6 5 0

If with sliding shutter and frame to mouth to regulate material coming out, 30/- extra.



N 6507.

SCAFFOLD ROPES.

Tarred Russian hemp, in coils ... ... 40/- per cwt.
,, ,, cut and whipped extra 1½d. per rope.
White do., in coils ... ... 45/- per cwt.
,, cut and whipped ... extra 1½d. per rope.

The above are BEST QUALITY Ropes, and can be thoroughly recommended. Cheaper can be supplied.

Weight of 1 dozen ⅝ in. × 12 feet long, tarred hemp, cut and whipped, is about 20 lbs.

Ditto ditto ⅝ in. × 18 feet long, is about 30 lbs.

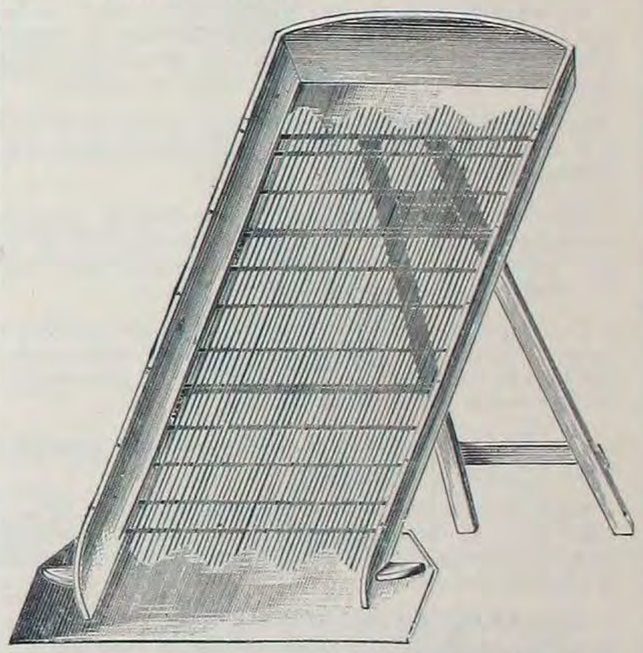


RIDDLES, GALVANIZED IRON WIRE.

N 6508.

	18 × ¼	¼	⅜	½	⅝	¾ in. mesh.
Single wood hoop —	25/-	19/3	14/9	14/-	12/-	dozen.
—	2/3	1/10	1/5	1/4	1/2	each.
Double ,, 4/-	4/-	3/6	3/-	2/9	2/8	,,
Galvanized iron hoops ... —	23/9	21/-	20/-	20/-	20/-	dozen.
—	2/2	1/11	1/10	1/10	1/10	each.

LIME SCREENS. N 6509



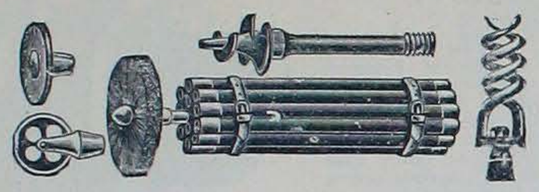
	¼	5/16	⅜	½ in. mesh.
Black wire without ladder	16/9	15/6	14/-	12/9 each.
Best galvanized with ,,	26/9	25/6	24/-	22/9 ,,
Black wire, improved loop, without ladder	—	—	22/9	20/- ,,

Rod Screens for coal and gravel, without ladder, ¼ inch rod, size of bed, 2 feet 6 inches × 4 feet 4 inches.

¼	5/16	⅜	½	⅝ inch.
57/6	52/-	48/-	45/6	39/- each.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.

DRAIN CLEANSING MACHINES.



N 4290.

30 foot Drain Cleansing Machine, consisting of ten 3 foot best stout red malacca rods, fitted with best brass screws, double worm screw, brass clearing wheel, 4 inch india rubber plunger, Archimedean screw, and straps, complete ... £1 7 6

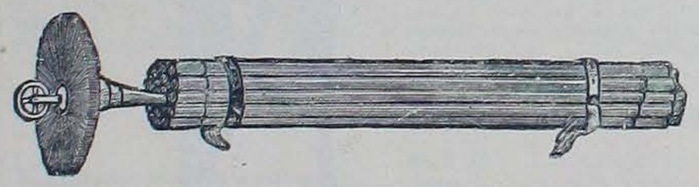
40 foot	£1 16 6
50 foot	2 4 0
60 foot	2 15 0
70 foot	3 4 0
80 foot	3 12 6
90 foot	3 17 0
100 foot	4 3 6
200 foot	7 18 6
Chimney Sweeps' Brush, extra	0 2 9

The Machine can be used for Chimney Sweeping also.

Best Stout Red Malacca Cane Rods, fitted with best brass screws—

	s.	d.		s.	d.
2 foot ... ... each	1	6	4 foot ... ... each	3	0
2 foot 6 inch ... ... ,,	1	10	4 foot 6 inch ... ,,	3	4
3 foot ... . ,,	2	6	5 foot ... . ,,	3	8
3 foot 6 inch ... .. ,,	2	9			

CHIMNEY SWEEPING MACHINES.



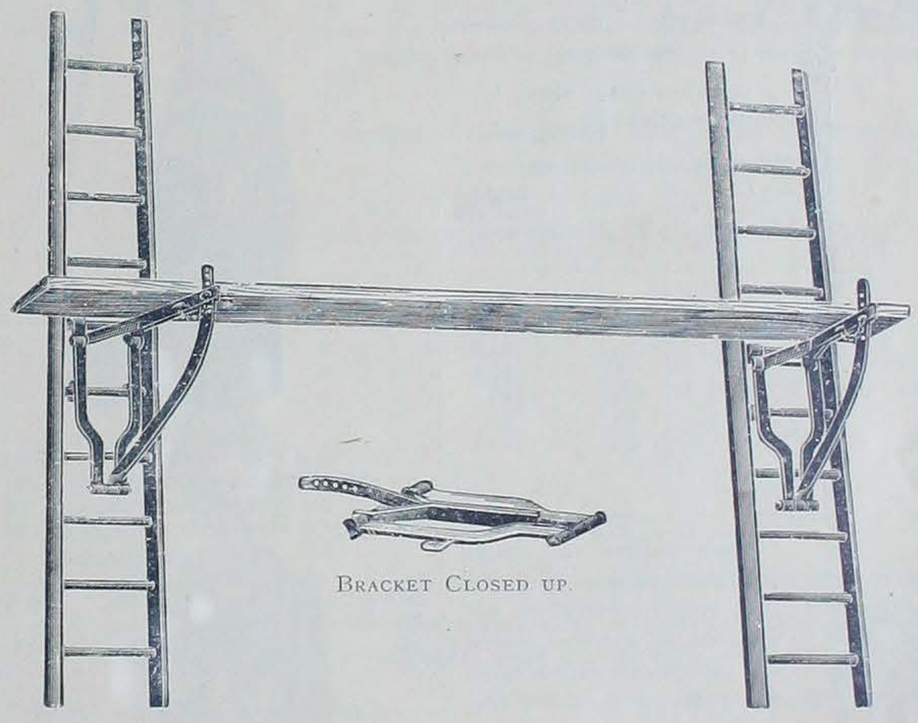
N 4291.

40 foot Chimney Sweeps' Machine, best stout red malacca canes, fitted with best brass screws, 4 foot or 4 foot 6 inch lengths, with 18 inch Chimney Sweeps' Bass Brush, patent wheel and cup, leathers and straps complete, as shown ... £1 13 0

50 foot	2 0 0
60 foot	2 6 6
70 foot	2 13 0
80 foot	2 19 6
90 foot	3 6 0
100 foot	3 12 6

PATENT ADJUSTABLE WROUGHT IRON LADDER BRACKETS.

Safe, light and compact absolutely steady in use, and without the least side motion. Suitable for forming a Platform instantly, at any height, for painting, pointing, gutter fixing, etc.



Bracket Closed up.

N 4292. ... ... 25/- per pair.

Takes a plank 14 inches wide. Weight about 26 lbs.

It hooks on to two rungs of each ladder, and on either side of ladder, and is supplied to suit ladders of 9 inch rise of tread, unless otherwise ordered.

PULLEY BLOCKS AND HOISTS.

IMPROVED WESTON'S DIFFERENTIAL PULLEY BLOCKS.

WITH PATENT SWIVELLING RADIAL CHAIN GUIDES.



The chain passes through two movable guides, as shown in sketch; this prevents the chain from twisting or catching, and allows it to be worked either by a "side pull" or direct "down pull."

PRICES OF PATTERN SHOWN IN SKETCH.

Requires chain about four times length of lift.

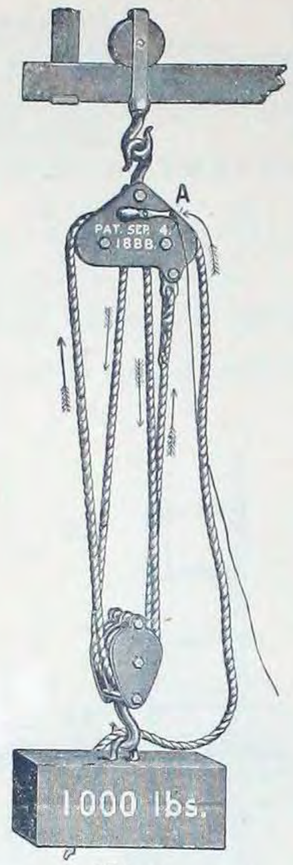
Tested to	Blocks per set.	Bright Chain per foot.
5 cwt.	8/6	6d.
10 ,,	11/6	6d.
15 ,,	13/-	6½d.
20 ,,	16/-	6½d.
30 ,,	25/-	8d.
40 ,,	32/-	9d.
60 ,,	40/-	11d.

These pulleys and chains are tested to the powers respectively stated (which are intended as extreme limits) and the greatest care is taken to ensure iron of the best quality; but it is distinctly understood we do not hold ourselves responsible for the effects of any chain, &c., breaking. It is advisable to allow a suitable margin when ordering.

G 6514.

When sheaves or other parts are required for renewal it is necessary to give the consecutive number stamped on the side strap of top frame.

PATENT SURE-GRIP TACKLE BLOCKS.



N 6511.

Will hold load at any point without fastening the rope. The brake is absolutely automatic—the heavier the load the better the grip, and it is disengaged by very slight pressure on the trip cord.

PRICES OF BLOCKS—

	Using	One man can lift	Capacity	
No. 3.	—⅜ in. rope	300 lbs.	600 lbs.	... 12/6
No. 4.	—½ in. ,,	350 lbs.	1,000 lbs.	.. 23/-
No. 5.	—⅝ in. ,,	400 lbs.	1,800 lbs.	... 30/-
No. 6.	—¾ in. ,,	450 lbs.	2,500 lbs.	... 36/-
No. 4½.—	Double ½ in. ,,	600 lbs.	3,000 lbs.	... 42/-
5½.—	,, ⅝ in. ,,	700 lbs.	3,500 lbs.	... 50/-
6½.—	,, ¾ in. ,,	850 lbs.	5,000 lbs.	... 60/-

PRICES OF HEMP ROPES—

⅜ inch, 2d. per yard; ½ inch, 3d. per yard.
⅝ inch, 4d. ,, ¾ inch, 5d. ,,

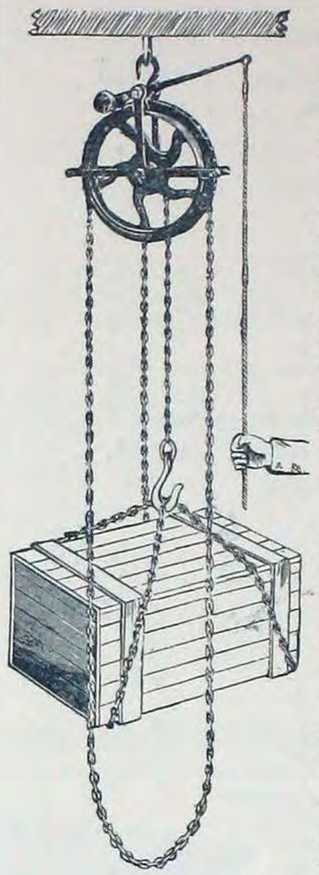
For single blocks, Nos. 3, 4, 5, and 6, five lengths of rope are required; for double blocks, Nos. 4½, 5½, and 6½, eight lengths.

When ordering blocks and ropes give height to be raised.

Instructions for Reeving.—Enter rope at A, pass wedge, and follow arrows as shown in cut. It will be noticed the two centre ropes *coming in contact with wedge* always travel in same direction at same time. Take the twist out of rope before reeving.

Price of travelling gear on receipt of requirements.

QUICK ACTION CHAIN HOIST.



Having two wheels of different diameters connected together, the smaller one carrying the lift chain and the larger one the endless hand chain, the empty chain descending simultaneously with the raising of the load.

The size in greatest demand is No. 2, to lift 5 cwt., and is recommended in preference to the 2½ cwt.

In ordering endless hand chains, shorter than the lift chains, for working from overhead floors, please note that it is our practice to measure endless chains double, *i.e.*, to describe a hand chain measuring 20 ft. all round as "10 feet endless." When the hand and lift chains are one length, it is only necessary to state the height from the suspending hook to the ground.

The lift chain is supplied with rings or hooks, or both if desired.

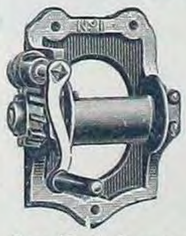
T 6512.

No.	Tested to lift.	Diameter of large wheel.	Price of hoists without brake.	Price of lift or hand chains per foot.
1	2½ cwt.	12 in.	£0 15 0	7d.
2	5 cwt.	16½in.	1 0 0	7d.
3	7½ cwt.	20 in.	1 5 0	8d.
4	10 cwt.	24 in.	1 10 0	8d.

Extra for Ordinary Brake, as drawn, having a lever and cord, by pulling which the operator can lower the load with great ease and safety; a balance weight releases the brake when not required ... ... 10/- each.

Each foot of height requires 3 feet of chain.

WALL CRAB HOIST.



Size 16 in. × 12 in. × 10 in. from wall, with a 2½ in. × 6 in. barrel.

Requires 10 revolutions of the handle to 1 revolution of the barrel. Allowing 40 revolutions of the handle it will lift a weight not exceeding 5 cwt. about 3 feet per minute. It cannot run down without the handle being turned.

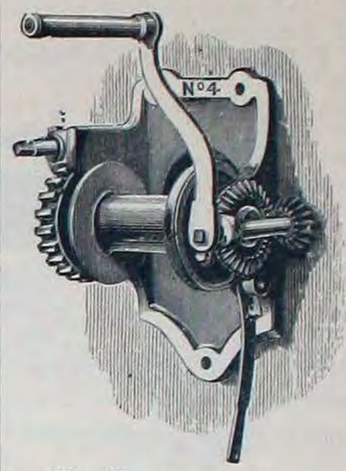
Is especially adapted to Carriage-houses for lifting wagonette heads.

No. N1 ... ... £1 10 0

Suitable bolts for fixing to 9 in. wall, 4/3 per set.

Suitable wire rope, 7½d. per foot.

WALL CRAB HOIST.



Size 24 in. × 22 in. × 16 in. from wall, with 3 in. × 9 in. barrel.

On the left-hand side is the worm-and-wheel gear, giving great power (up to 10 cwt.) with slow speed, and on the right-hand side, quick speed, capable of lifting 3 cwt. thirteen feet per minute, and of lowering by brake it desired.

No. N4 .. .. £3 18 0

Suitable Bolts for 9 in. wall, 6s. per set.

,, Wire rope 7½d. to 10d. per foot.

,, Chain 10d. per foot.

STANDARD SACK HOIST.

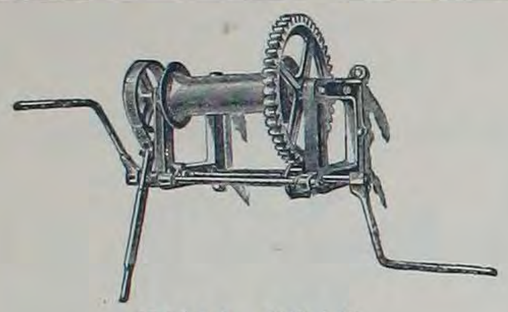


Self-sustaining; no ratchets or springs; no brake cords; both ends of chain can be used.

By using this Hoist one man can do double work with greater ease. He can release the Chain and rest at every pull.

Tested to	Price	Hand and Lift Chains: For 10 feet	Hand and Lift Chains: Extra per foot
2 cwt.	£2 2 0	£0 17 6	7d.
5 ,,	2 12 6	0 17 6	7d.
7 ,,	3 3 0	1 0 0	8d.

The varieties described represent in many cases but a small selection from those that can be supplied. Further details will be sent on receipt of requirements.



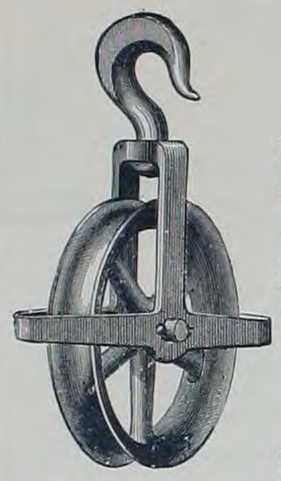
WALL CRAB.

N 6519.

SINGLE PURCHASE.				DOUBLE PURCHASE.			
No.	To lift with 2 and 3 sheave pulley blocks.	Price without brake.	Price with brake.	No.	To lift with 2 and 3 sheave pulley blocks.	Price without brake.	Price with brake.
1	2 ton	40/6	49/6	10	3 ton	58/6	68/-
1A	3 ,,	47/6	57/6	10A	4 ,,	64/-	73/6
2	4 ,,	56/6	67/-	11	5 ,,	78/-	90/-
3	5 ,,	65/-	77/6	11A	7 ,,	97/6	112/-
4	6 ,,	85/6	97/6	12	9 ,,	117/-	133/6

The above will lift one-third the weight specified from the Barrel direct.

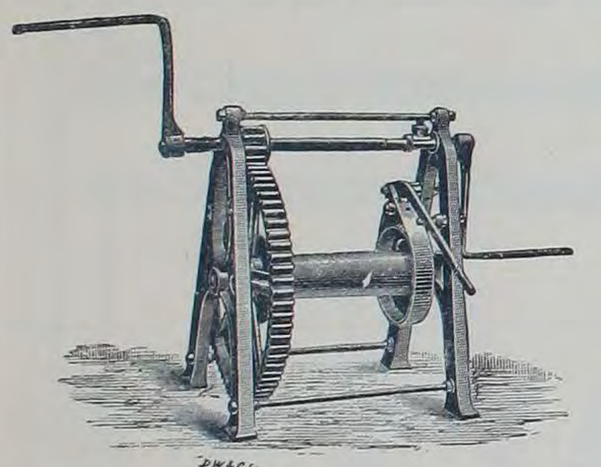
GIN BLOCKS OR RUBBISH PULLEYS.

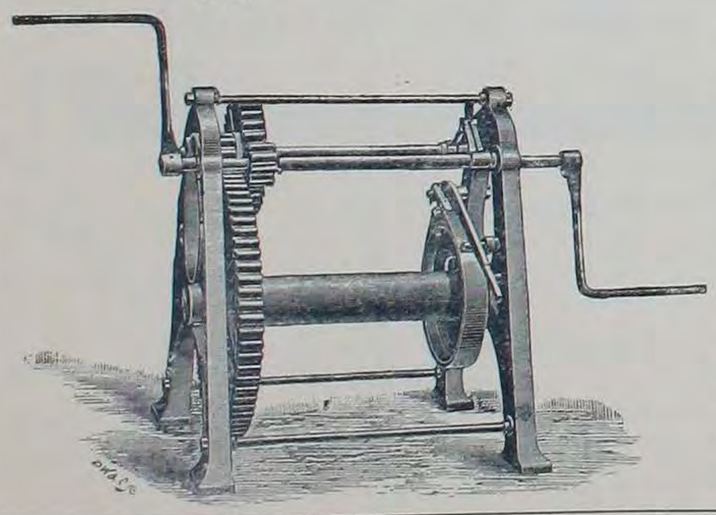


N 6518.

Dia. of Pulley...ins.	6	8	10	12	14
Width of Groove ,,	1	1⅛	1⅛	1⅛	1⅜
Price ... each	4/3	8/9	10/-	12/6	14/-
Dia. of Pulley...ins.	16	18			
Width of Groove ,,	1½	1½			
Price ... each	17/6	18/-			

The actual width of Groove is from one-sixteenth to one-eighth more than list to allow for new rope being larger.





CRAB WINCH.

N 6520.

These Crabs are so constructed that the handles do not revolve when lowering by the brake. They have turned shafts, the bearings accurately bored, and steel keys.

SINGLE PURCHASE.

	To lift with 2 and 3 sheave pulley blocks.	Price without brake.	Price with brake.	Extra if brass bushed.
No. 0	1 ton	38/9	47/-	7/9
,, 1	2 ,,	40/6	49/6	7/9
,, 1A... ...	3 ,,	47/6	57/6	9/-
,, 2	4 ,,	56/6	67/-	10/3
,, 3	5 ,,	65/-	77/6	12/-
,, 4	6 ,,	85/6	97/6	13/6
,, 5	7 ,,	99/6	114/-	15/6

DOUBLE PURCHASE.

	To lift with 2 and 3 sheave pulley blocks.	Price without brake.	Price with brake.	Extra if brass bushed.
No. 10	3 ton	58/6	68/-	10/6
,, 10A ...	4 ,,	64/-	73/6	12/3
,, 11	5 ,,	78/-	90/-	14/3
,, 11A ...	7 ,,	97/6	112/-	16/3
,, 12	9 ,,	117/-	133/6	18/9
,, 13	12 ,,	141/6	158/6	21/3
,, 14	15 ,,	183/-	203/-	28/6
,, 15	18 ,,	235/6	257/6	32/6
,, 16	24 ,,	292/6	317/-	32/6

The above will lift one-third the weight specified from the barrel direct.

These Crabs can be fitted with fast and loose pulleys instead of handles, so as to be driven by power, the extra for which will be quoted on application. Estimates given for every description of Hoisting Crab Winches and Warehouse Cranes.



No 3



No 4



No 5.

WROUGHT IRON PULLEY BLOCKS.

N 6515.

These blocks are of the best quality, and have turned shafts, bright sheaves, and are bored. The eye as shown in No. 4 is supplied with the smallest block of each pair ordered.

Diam. of sheave.	Width of groove.	Snatch block.	1 sheave block.	2 sheave block.	3 sheave block.	4 sheave block.	Blocks will take chain diam.
2½ by	⅜ in.	—	3/-	4/-	4/9	—	—
3½ ,,	½ ,,	—	3/6	5/-	5/9	—	—
4 ,,	⅝ ,,	8/-	4/-	6/-	7/6	9/-	—
4¾ ,,	¾ ,,	9/6	5/-	7/6	9/6	13/6	3/16 in.
5 ,,	⅞ ,,	11/6	6/3	9/9	12/6	16/-	¼ ,,
6 ,,	1 ,,	13/6	7/6	11/6	15/6	20/6	5/16 ,,
7 ,,	1¼ ,,	16/6	10/-	16/-	22/-	31/-	⅜ ,,
8 ,,	1½ ,,	21/-	13/6	22/6	32/-	46/-	7/16 ,,
9 ,,	1¾ ,,	28/-	19/-	32/-	46/-	65/-	½ ,,

Larger sizes will be quoted for specially on receipt of requirements.

Revised Table giving Test Load in cwts. for each combination of above Blocks.

Size of Blocks.	2½×⅜	3½×½	4×⅝	4¾×¾	5×⅞	6×1	7×1¼	8×1½	9×1¾
1 and 1 sheave	2	5½	9	15	22	33	44	65	87
2 ,, 1 ,,	2¾	8	13	21	31	47	62	93	124
2 ,, 2 ,,	3½	10	16	26	39	58	77	116	154
3 ,, 2 ,,	4¼	12	19	30	45	68	90	135	180
3 ,, 3 ,,	5	14	22	34	51	78	102	154	205
4 ,, 3 ,,	—	—	24	38	56	83	112	167	220

The above Table must be treated as only approximate, and in no case can its accuracy be guaranteed.

All parts of these pulley blocks are interchangeable.

The actual width of groove is from one-sixteenth to one-eighth more than given to allow for new rope.

Prices with Brass Sheaves on application.

Quotations given for every description of Chain for Builders' and Contractors' use.

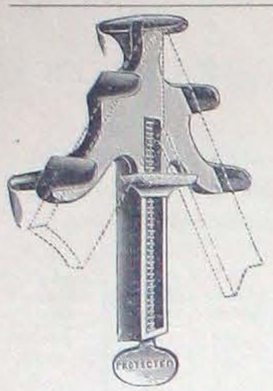


GALVANIZED FLEXIBLE STEEL WIRE ROPE.

N 4306.

Circumference	⅜	½	⅝	¾	1	1¼	1½	2	2¼	2½	3	inch.
Working Load	90	160	250	360	640	1000	1430	2540	3220	4000	5700	lbs.
	5/3	6/9	10/3	12/8	15/6	17/9	19/6	21/-	23/6	26/9	33/6	100-ft.

MITRE CUTTERS, CRAMPS AND BENCH SCREWS.



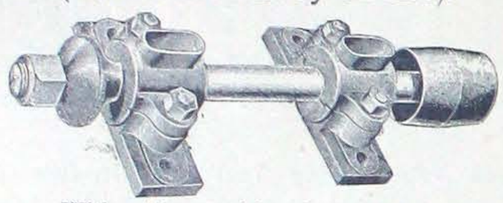
IMPROVED CORNER CRAMP.

N 6521.

Size	No. 1.	No. 2.	No. 3.
Will take	1¾	3	4 in. mouldings.
Price	2/2	2/10	4/- pair.

The Improved Corner Cramp is intended for gripping securely two sides of a picture frame during the process of nailing together.

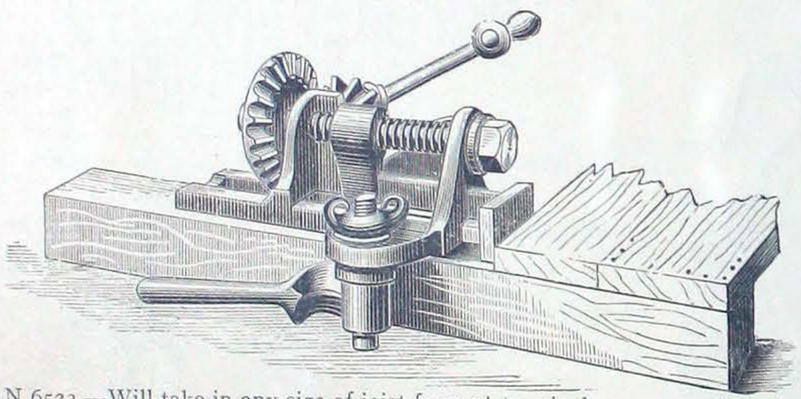
CIRCULAR SAW SPINDLE
(with Fast Pulley on end).



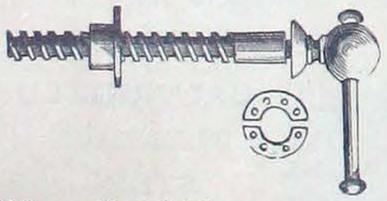
N 6900.—With white metal bearings and large oil cups.

	Length over all.	Diameter of Pulley.	Diameter of Spindle.	Price.
No. 1	17½ in.	2⅜ in.	1 in.	28/9 each.
No. 2	23 in.	3⅜ in.	1¼ in.	40/6 ,,
No. 3	27 in.	4⅜ in.	1 1⁶⁄₁₆ in.	53/- ,,

FLOORING CRAMP.



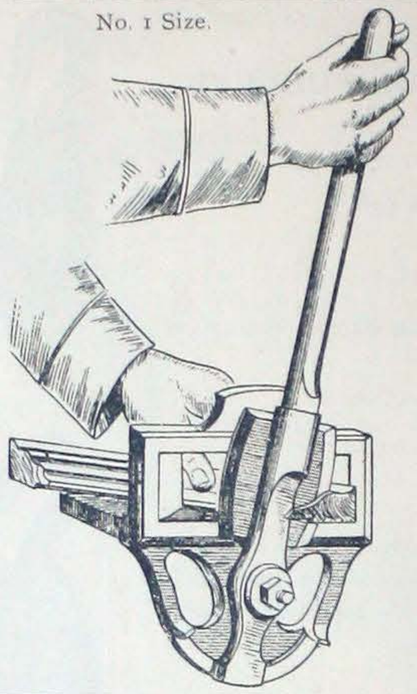
N 6523.—Will take in any size of joist from 1½ to 4 inches ... 14/6 each
Second quality, ditto, ditto ... ... 11/- ,,



BENCH SCREWS.

	Length	18	20	21	22	inch.
	Diameter	1⅛	1¼	1⅜	1½	,,
N 6524.—Best Bright		6/6	7/6	10/-	11/6	each.
N 4308.—Best Black		5/3	6/6	—	—	,,
N 6527.—Iron, with wood handle, 15 × 1⅛ inch					2/3	,,
N 6528.—Beech Wood, 24 × 2½ inch					1/2	,,

No. 1 Size.



REGISTERED MITRE CUTTING MACHINE.

N 6522.

No. 1 Size.

To cut 2 inch mouldings.

Mitre cutting machine complete ... 11/6
Extra cutter ... 2/3

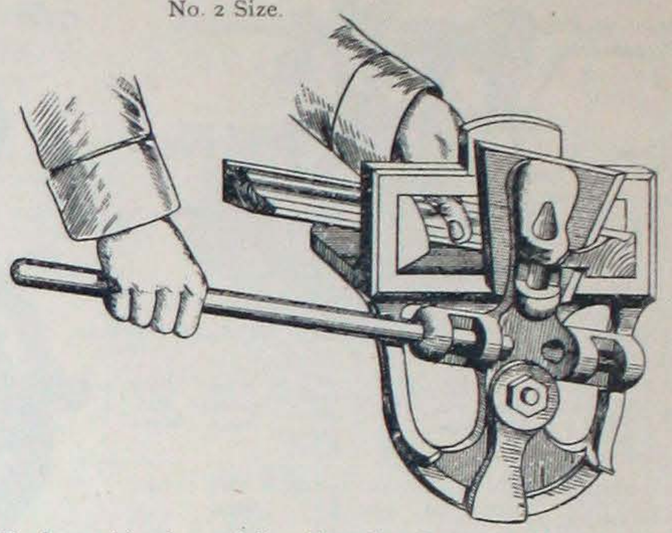
No. 2 Size.

To cut 4 inch mouldings.

Mitre cutting machine complete ... 20/-
Extra cutter ... 4/-

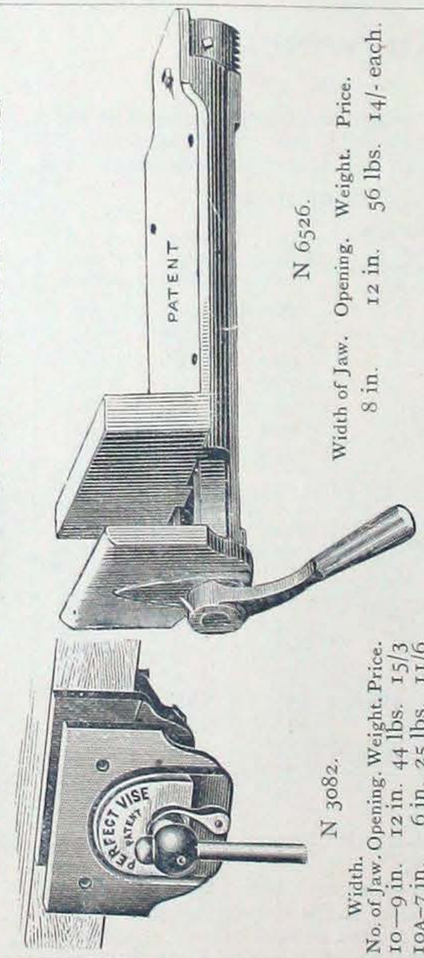
Invaluable to Joiners, Picture-frame Makers, and Amateurs.

No. 2 Size.



Each machine is carefully adjusted and tested. The moulding is held as shown above, care being taken that it bears against guide-pin at back; also that a very light shaving be taken off for the finishing cut.

"INSTANTANEOUS GRIP" BENCH VICES.



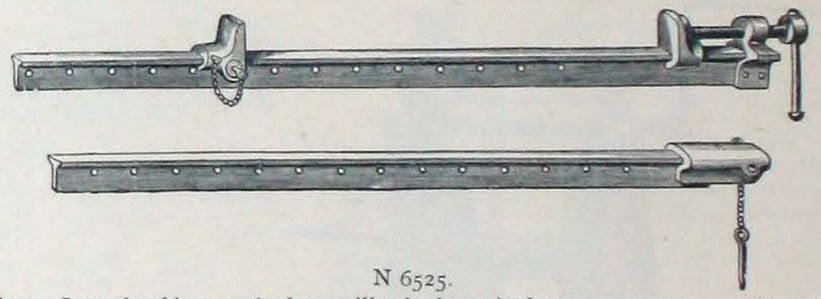
N 6526.

Width of Jaw.	Opening.	Weight.	Price.
8 in.	12 in.	56 lbs.	14/- each.

N 3082.

Width. No. of Jaw.	Opening.	Weight.	Price.
10—9 in.	12 in.	44 lbs.	15/3
10A—7 in.	6 in.	25 lbs.	11/6
11—10½ in.	12 in.	49 lbs.	17/6

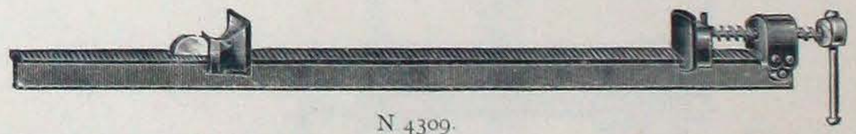
BEST WROUGHT IRON CARPENTERS' T CRAMPS.



N 6525.

Prices—Length of bar, 42 inches, will take in 35 inches ...						...	12/- each.
,, ,, 48 ,, ,, 41 ,, ...						...	13/3 ,,
,, ,, 54 ,, ,, 47 ,, ...						...	13/6 ,,
,, ,, 60 ,, ,, 53 ,, ...						...	13/9 ,,
,, ,, 72 ,, ,, 65 ,, ...						...	14/6 ,,
	24		36		48 inch.		
Lengthening bars	3/9		5/9		7/6 each.		

PATENT STEEL T CRAMPS.



N 4309.

Prices—Length of bar, 36 inches, will take in 30 inches ...						...	14/6 each.
,, ,, 42 ,, ,, 36 ,, ...						...	14/6 ,,
,, ,, 48 ,, ,, 42 ,, ...						...	15/- ,,
,, ,, 54 ,, ,, 48 ,, ...						...	15/6 ,,
,, ,, 60 ,, ,, 54 ,, ...						...	16/- ,,
,, ,, 72 ,, ,, 66 ,, ...						..	18/- ,,

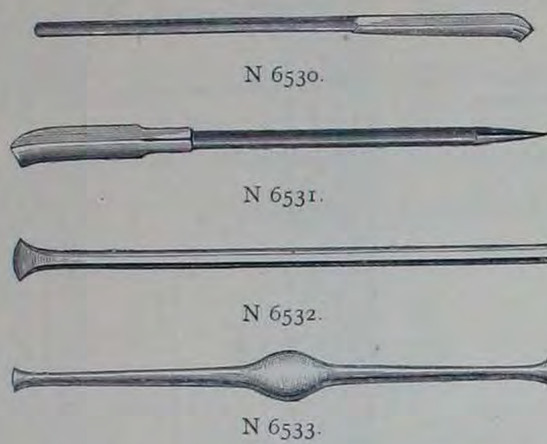
Lengthening bars, 36 inches, 7/6 each.

SASH CRAMP.

Length of bar	18	24	30	36 inch.
N 4310.—Prices	10/3	11/6	12/9	14/- per pair.

The varieties described represent in many cases but a small selection from those supplied. Further details will be sent on receipt of requirements.

SOLID STEEL CROW AND JUMPER BARS.



N 6530.

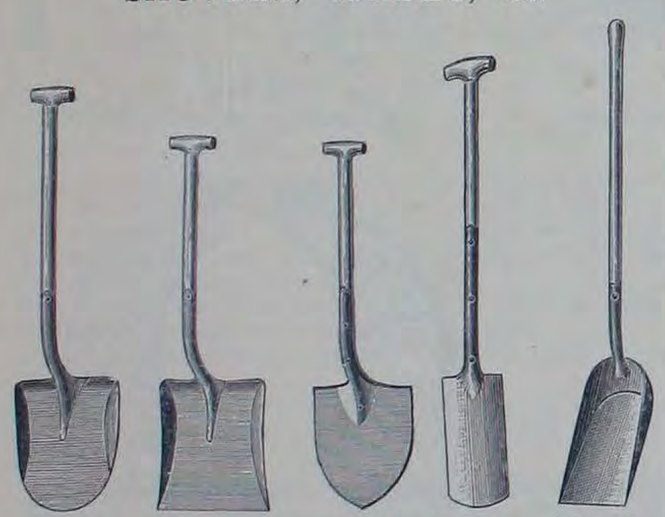
N 6531.

N 6532.

N 6533.

N 6530.— } N 6531.— } $4\frac{1}{2}$d. to $5\frac{1}{2}$d. per lb. according to quantities and sizes.
N 6532.— $5\frac{1}{2}$d. to $6\frac{1}{2}$d. ,, ,, ,, ,,
N 6533.— $7\frac{1}{2}$d. to 9d. ,, ,, ,, ,,

SHOVELS, SPADES, &c.



N 6534. N 6535. N 6536. N 6537A. N 6538.

	10	11	12	13	14	inches.
N 6534.—All steel, round nose, Bristol	22/6	24/-	26/3	30/3	34/3	dozen.
	2/3	2/6	2/8	3/-	3/4	each.

	No. 1	2	3	4	5	
N 6535.—All steel, London	13/6	14/6	15/-	15/9	17/6	dozen.
	1/4	1/5	1/6	1/7	1/8	each.
N 6536.—All steel, navvy	22/6	23/-	24/-	25/3	26/6	dozen.
	2/1	2/2	2/3	2/4	2/6	each.

	No. 2	3	
N 6537A.—Square point Grafting Tool	28/9	30/-	dozen.
	2/10	3/-	each.

N 6538.—London Mud Scoop ... 31/6 dozen; 3/- each.

SOLID STEEL PICKAXES.

STAMPED EYE.



N 6539.
Double pointed, 27/- doz. 2/6 each.



N 6540.
Chisel and point, 27/- doz. 2/6 each.

PICKAXE HANDLES.

39 in., best English ash or best hickory, 7/- doz.; 8d. each.

GALVANIZED BRICKLAYERS' HOD.



N 6541.

Top, 16 × 11 in. .. Light, 5/6
,, 17 × 16 in. ... Strong, 9/6

GALVANIZED RIVETTED BUCKETS



N6542.—Hoop foot & forged ear.

12	13	14 inches.
15/-	16/6	18/3 dozen.
1/5	1/7	1/9 each.

N6543.—Forged foot & forged ear.

12	13	14 inches.
18/6	21/-	22/6 dozen.
1/10	2/-	2/2 each.

N6544.—Extra strong contractors' solid forged rim and foot.
13 in., 33/6 dozen; 3/1 each.

N6545.—Straight sides, hoop foot, and forged ears.
13 in., 24/9 dozen; 2/4 each.



N 6550.

STONE LEWIS.

Shackles, $\frac{1}{2}$ in. diameter	...	3/6 each.
,, $\frac{5}{8}$ in. ,,	...	4/- ,,
,, $\frac{3}{4}$ in. ,,	...	4/6 ,,

BARROW WHEELS.



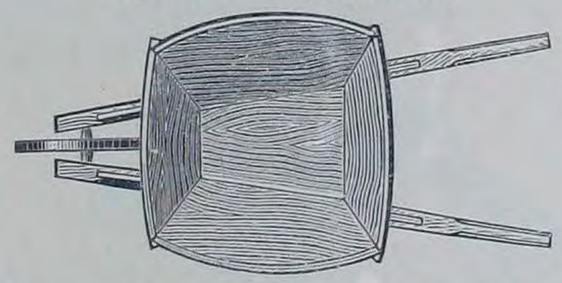
N 6551.

Wrought iron and axle, tyre $1\frac{1}{2}$ in. wide	16	18 inch.
	10/-	10/9 each.
N 6553.—Lighter, with cast boss and round spokes ...	6/-	7/3 ,,

Thimbles for above, 1/6 pair extra.

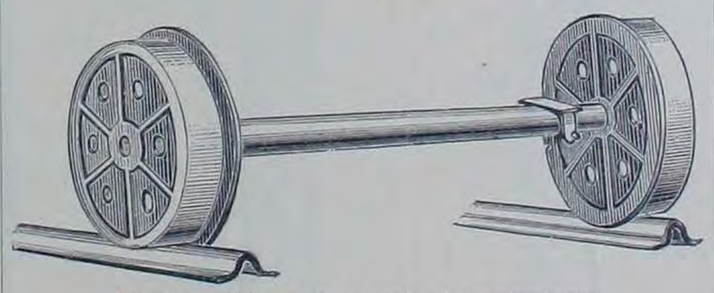
For cast iron, see page 190.

NAVVY BARROWS.



N 6558.—Made of well-seasoned timber, 17/3 each.
N 6559.—Ditto ditto stronger, 19/- ,,

TRUCK WHEELS, AXLES, AND TRAM RAILS.



N 6565.—Prices on receipt of requirements.

STONE HAMMERS.

1 to 3 lbs.



N 6556.

All cast steel ... ... 8d. per lb.

QUARRY SLEDGE HAMMERS.

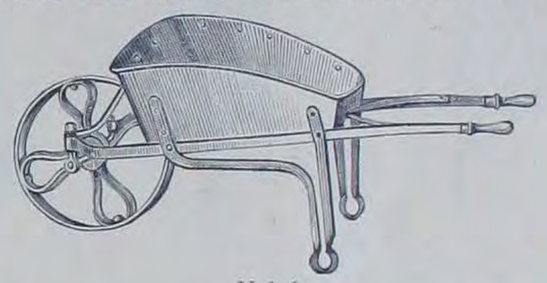


N 6557.

All cast steel, 6 lb. and upwards, 6d. per lb.

As patterns of Quarry Sledges differ so much, it is desirable to send particulars of faces with order.

STABLE OR GARDEN BARROWS.



N 6563.

Strong Wrought iron, galvanized body, painted framework.

Price 34/6 each; if with wide tyred wheels, 1/9 extra.

TIPPING SKEPS.



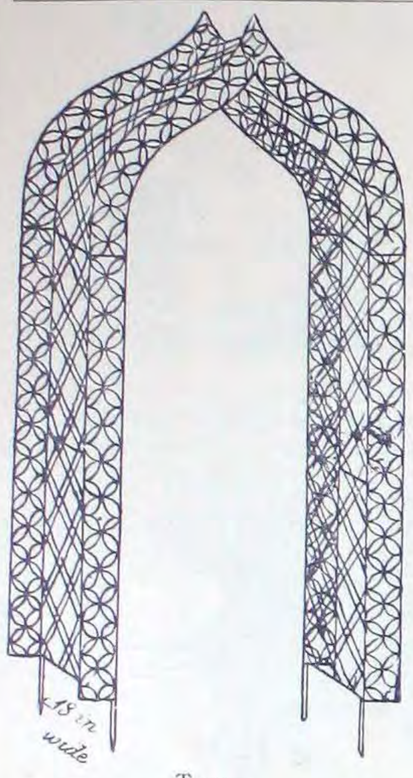
N 6552.

Improved pattern, $\frac{1}{4}$ in. plates, angle iron ring at bottom, half round band at top.

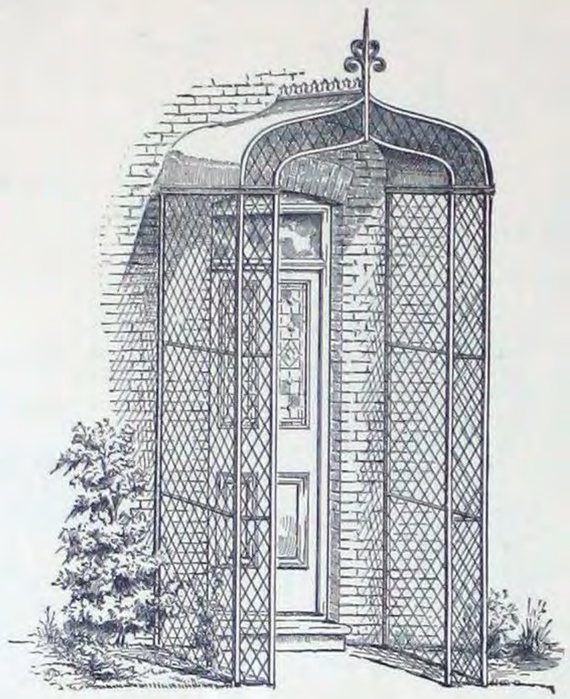
To contain $\frac{1}{4}$ cubic yard ...	£5	7	6 each.
,, $\frac{1}{2}$,, ...	7	19	6 ,,
,, $\frac{3}{4}$,, ...	9	5	6 ,,

The varieties described represent in many cases but a small selection from those supplied.
Further details and special quotations for large quantities will be sent on receipt of requirements.

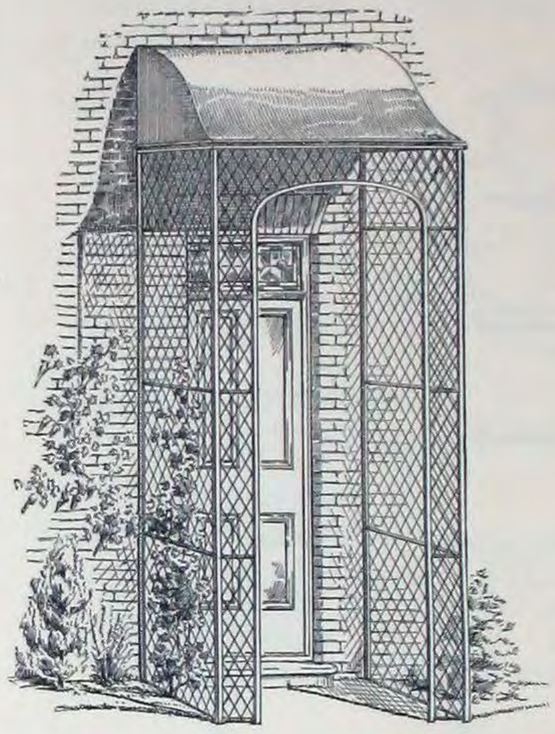
GALVANIZED WIRE GARDEN ARCHES AND PORCHES.



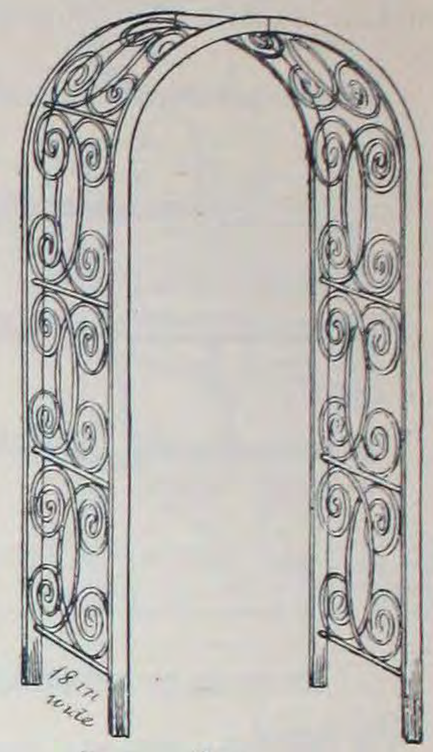
T 44.
7 ft. 6 in. high × 4 ft. 6 in. wide,
35/- each.



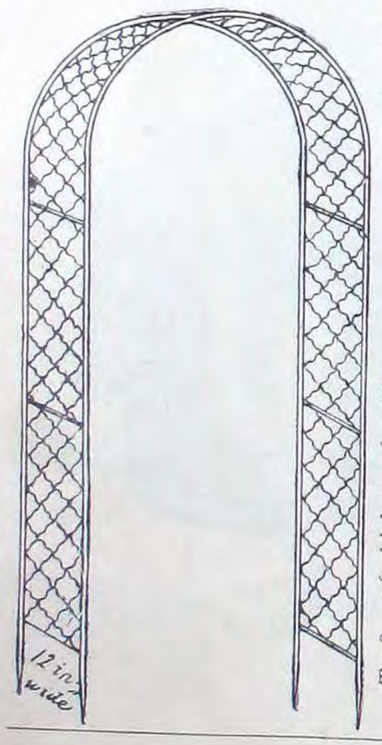
T 46 ... ... £2 17 6 each.
10 ft. high at back; 5 ft. wide outside; 2 ft. deep.
Constructed of strong Galvanized Wire Lattice, on Painted Angle Iron Framing, with self-fixing Bases.
Roof of stout Sheet Zinc with cresting and finial.



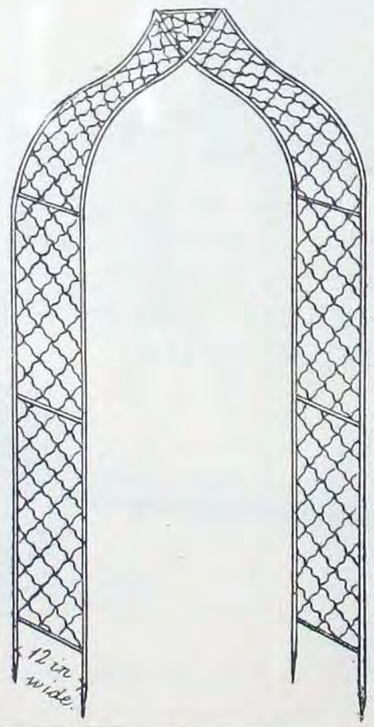
T 47 ... ... £2 12 6 each.



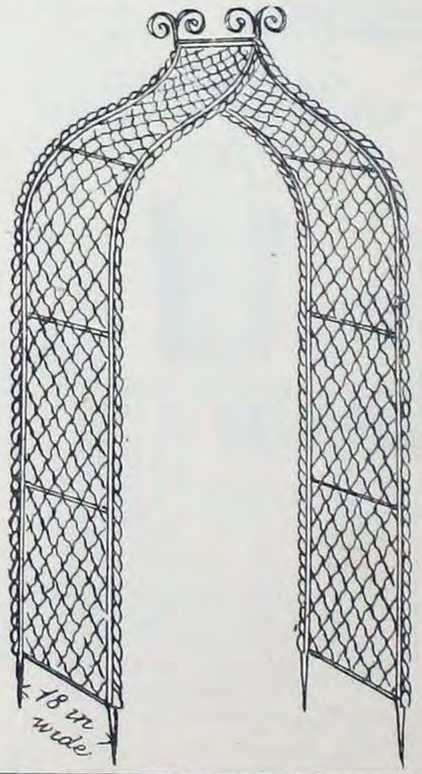
T 41.
7 ft. high × 4 ft. wide ... 24/- each.
If Painted instead of Galvanized,
20/- each.



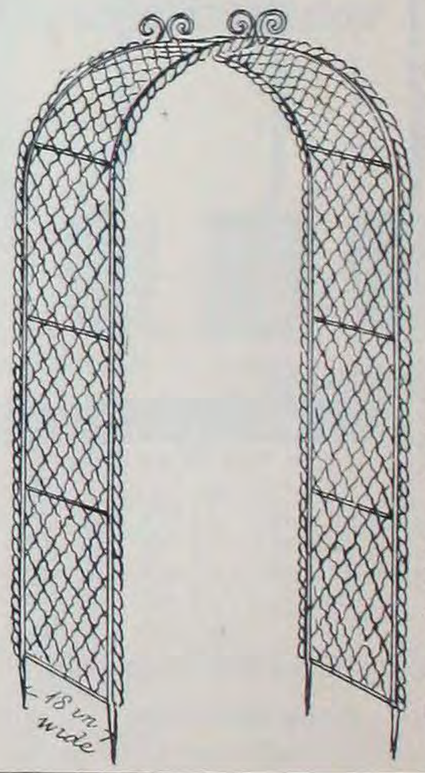
T 38.—7 ft. high × 4 ft. wide ... ... 6/6 each.
Stronger ditto, with Wire Work 18 in. wide ... 12/6 ,,



T 39.—7 ft. high × 4 ft. wide ... ... 10/6 each.



T 42.—8 ft. high × 4 ft. 6 in. wide ... ... 20/- each.

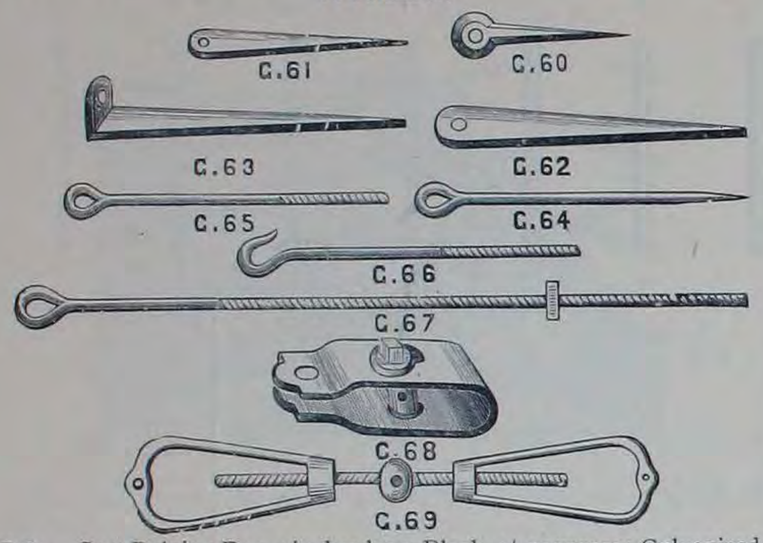


T 45.—7 ft. high × 4 ft. wide ... ... 16/- each.

Heights given are out of ground. *Can be made to any other dimensions to order.*

CORRUGATED IRON, WIRE NETTING, &c.

FITTINGS FOR WIRING GREENHOUSES & WALLS.



G 60.—Cast Driving Eye, 2 inches long, Black, 1/- per gross; Galvanized, 1/6 per gross.

G 61.—Wrought Galvanized Driving Eye, 4 inch, 6/- per gross, 6½d. per dozen; 5 inch, 6/9 per gross, 7½d. per dozen.

G 62.—Wrought Galvanized Holdfasts, 6 inch long, for G 67 Straining Bolts, 8/- per gross, 9d. per dozen.

G 63.—Wrought Galvanized Holdfasts, 6 inch long, for G 68 Raidisseur, 14/- per gross, 1/4 per dozen.

	3	4	5	6	8	10	12 inches
G 64.—Wrought Galvanized Driving Eyes... ...	4/-	4/9	5/6	8/-	10/-	15/6	17/6 gross.
G 65.—Ditto, Screw Eyes...	4½d.	5½d.	6d.	9d.	11d.	1/5	1/8 dozen.
G 66.—Ditto, Screw Hooks							

G 67.—Wrought Galvanized Straining Bolts, 4 inch × ¼ inch, 17/- gross, 1/7 doz.; 8 inch × ¼ inch, 22/6 gross, 2/2 doz.; 12 inch × ¼ inch, 30/6 gross, 2/10 doz.; 9 inch × ⅜ inch, 34/6 gross, 3/3 doz.; 12 inch × ⅜ inch, 42/- gross, 3/10 doz.; 15 inch × ⅜ inch, 50/- gross, 4/8 doz. For larger sizes, see page 86.

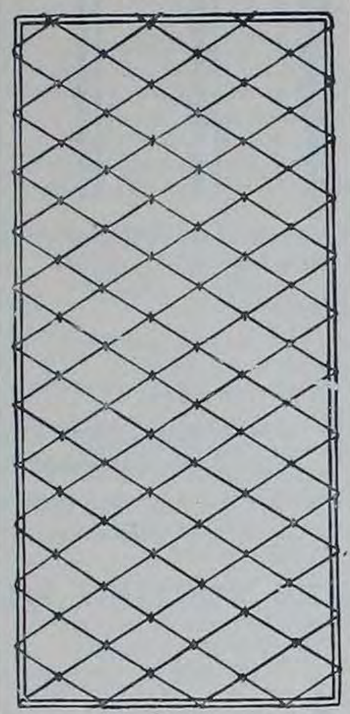
G 68.—Galvanized Raidisseurs, 3/4 dozen; Keys, 2d. each.

G 69.—Double Straining Screw, Black, 1/9 each.

G 70.—Galvanized Wire, suitable for walls, No. 13 G, ; 14 G, per 100 yards.

Quotations for Galvanized Wrought Iron Straining Bars, &c., for Greenhouse Roofs, on receipt of requirements.

GALVANIZED HAND-MADE TRELLIS.



G 72.

¾ inch Mesh	8½d. per square ft.
1 ,,	8½d. ,,
1¼ ,,	8d. ,,
1½ ,,	7½d. ,,
2 ,,	7d. ,,
2½ ,,	6d. ,,
3 ,,	4½d. ,,
4 ,,	3½d. ,,

Width of less than 1 foot charged as 1 foot.

GALVANIZED HAND-MADE LATTICE.



G 73.

6d. per square foot either.
3¼ inch × ½ inch Mesh, Lattice wires, 14 G. Frames, 12 G. or
3¼ inch × ¾ inch Mesh, Lattice wires, 13 G. Frames, 11 G.
Circular or arched heads measured square.

GALVANIZED WIRE STRAINERS.

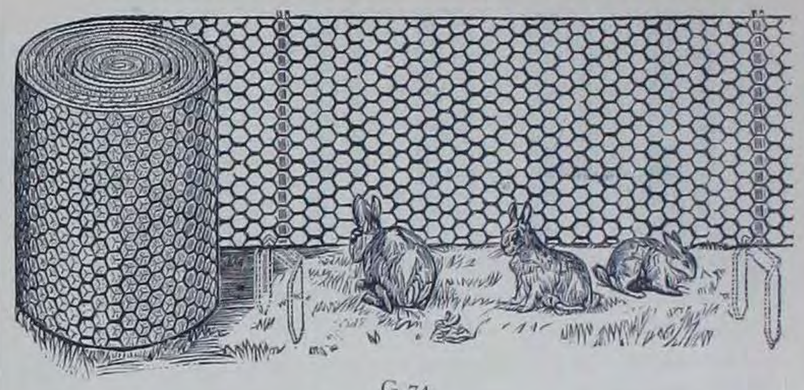


G 75.

Length of Screw—

3	4	5	6 inches.
9½d.	1/3	1/6	1/9 each.

GALVANIZED MACHINE-MADE WIRE NETTING.



G 74.

Rolls contain 50 yards. Prices quoted are for 2 feet wide. ½ to ¾ inch supplied up to 7 feet wide, 1 inch and upwards up to 8 feet wide, at proportionate prices. Cut lengths supplied from stock only.

Wire Gauge No.	22		20		19		18	
	Per Roll.	Pr. yd. if cut.	Per Roll.	Pr. yd. if cut.	Per Roll.	Pr. yd. if cut.	Per Roll.	Pr. yd. if cut.
½ inch	23/6	6¼d	28/3	...	...	..	...	...
⅝ inch	17/9	...	21/9	...	26/6	7d.	...	...
¾ inch	...	...	14/-	...	18/-	5d.	21/3	...
1 inch	...	...	...	...	12/9	...	15/6	4d.

Wire Gauge No.	19		18		17		16		15	
	Per Roll.	Pr. yd. if cut.	Per Roll	Pr. yd. if cut	Per Roll.	Pr. yd. if cut.	Per Roll.	Pr. yd. if cut.	Per Roll.	Pr. yd. if cut.
1½ inch ...	8/6	...	10/-	3d.	12/9	...	16/9	...	...	...
2 inch ...	6/3	...	7/10	2¼d.	10/4	...	13/3	...	...	...
2½ inch ...	5/9	...	7/3	...	9/3	...	11/9	...	...	...
3 inch ...	5/-	...	6/-	...	7/10	...	9/9	...	11/6	...
4 inch ...	...	...	...	...	6/-	...	7/-	...	9/3	...

BEST GALVANIZED CORRUGATED SHEETS & CAPPING, FOR ROOFING. (Prices on application.)



Supplied in any length up to 12 feet and to 10-3 inch corrugations wide.

Weight per square, *i.e.*, 100 ft. super, including laps.

Gauge.	About cwt.	qrs.	lbs.	Price per cwt.
18	2	2	0	For Sheets 5, 6, 7 or 8 feet long, × 8-3 inch corrugations, or 2 feet 2 inches wide
20	2	0	0	
22	1	2	21	
24	1	1	7	
26	1	0	0	

Approximate Weight of Sheets.

8/3 inch corrugations in width, which cover 2 feet in width after allowing for laps. (Only width kept in stock.)

	18 WG.	20 WG.	22 WG.	24 WG.	26 WG.	
5 feet long	26	22	17	14	10	lbs. per sheet.
6 ,,	31	26	21	17	12	,,
7 ,,	36	30	24	20	14	,,
8 ,,	41	34	28	23	16	,,
9 ,,	46	38	31	26	18	,,
10 ,,	52	43	34	29	20	,,

Extras, Net—

Sheets 3 and 4 feet long	1/-	per cwt.
,, 9 feet long	6d.	,,
,, 10 ,, ...	1/-	,,
Curving	1/- to 1/6	
Punching one side and one end ready for fixing	1/-	,, per gross.
Galvanized Bolts & Nuts, ¾ & 1 inch × ¼ inch		
,, Hook Bolts & Nuts, 3, 3½, 4 × ¼ inch		

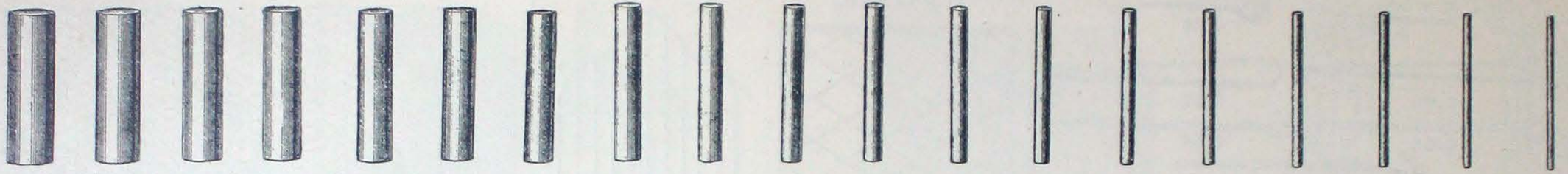


Ridge Capping, 15 inch girth, 24 gauge, in 6 feet lengths, per foot
,, 18 ,, 22 ,, ,, ,,

		per lb.	per cwt.
Galvanized Cone Head Nails,	2½ inch long	(27 to lb.)	
,, ,, ,,	3 ,,	(20 ,,)	
,, ,,Second quality	2½ ,,	(29 ,,)	
,, ,, Screws,	1½ ,,	(65 ,,)	
,, ,, ,,	2 ,,	(50 ,,)	
,, ,, ,,	2½ ,,	(31 ,,)	
,, ,, ,,	3 ,,	(21 ,,)	
,, ,, Pat. driving ,,	2½ ,,	(38 ,,)	
,, ,, ,,	3 ,,	(26 ,,)	
,, Washers		(96 ,,)	
Lead Washers		(76 ,,)	

IRON WIRE, FITTINGS, AND PERFORATED ZINC.

WIRE. Full Sizes.



Standard wire gauge ...	Nos.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Weight of 100 yards ...	about	58·9	49·1	41·6	34·8	28·5	24	19·8	16	12·7	10·4	8·4	6·5	5	4	3·2	2·4	1·8	1·2	1	lbs.
Length per cwt. ...	about	190	228	269	322	393	467	566	700	882	1077	1333	1723	2240	2800	3500	4667	6222	9333	11200	yards.
Bright Wire																					per cwt.
Galvanized Wire ...																					per cwt.

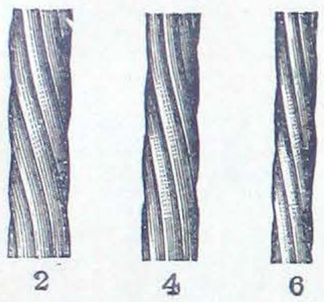
No. 12 and up is kept in stock in 14 lb. rolls.

Rolled Black Fencing Wire ... ... Nos. 1 to 6 per cwt.

Best annealed drawn Fencing Wire .. Nos. 0 to 8 per cwt.
Best drawn Galvanized ,, ,, .. ,, ,,

The length of Galvanized Wire per cwt. is 5 per cent. less than Bright.

GALVANIZED STRAND WIRE (7 wires).



Nos.	2	3	4	5	6
Length per cwt. about	260	286	326	430	510 yards.

Price ... ... per cwt.

GALVANIZED STEEL BARB FENCING WIRE.

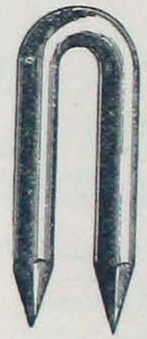


	Weight of 100 yards.	Length of 1 cwt.	Price per cwt.
4 point ordinary, barbs round one wire only, 6 in. apart	20 lbs.	560 yds.	
4 point thick set, ,, ,,	3 ,,	25 ,,	448 ,,

On Reels containing 56 lbs. free.

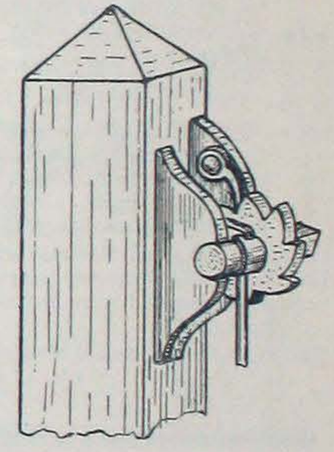
In ¼ cwt. reels ... ... per cwt. extra.

MACHINE CUT STAPLES, Side Cut Points.



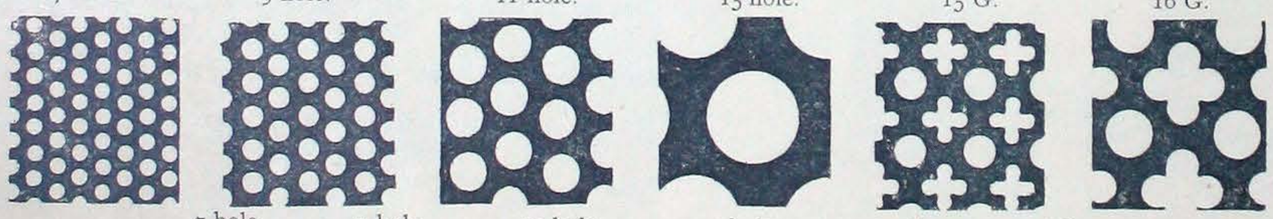
G 76.—1½ in. × 8 gauge. (1 lb. 12 ozs. per 100).
1¾ in. × 6 gauge. (2 lb. 4 ozs. per 100).
Bright, cwt.; lb.
Galvanized, per cwt.; per lb.

CAST IRON STRAINERS FOR WOOD POSTS.



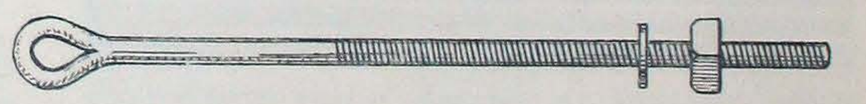
G 77.
Price, 7/6 per dozen.

PERFORATED ZINC, IN SHEETS 8 feet × 3 feet.



	7 hole.	9 hole.	11 hole.	15 hole.	15 G.	16 G.
Price ...						per square foot.

GALVANIZED STRAINING EYE BOLTS WITH NUTS AND WASHERS.



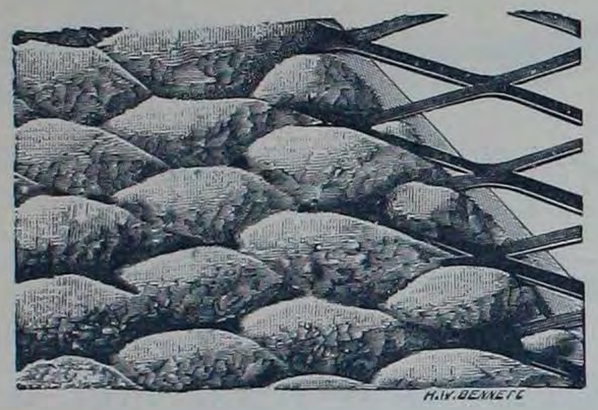
G 67.

Size	12 in. × ½ in.	15 in. × ½ in.	18 in. × ½ in.	12 in. × ⅝ in.	15 in. × ⅝ in.	18 in. × ⅝ in.
Price	5/6	6/3	7/3	7/9	9/3	10/6 per doz.

For smaller sizes, see page 85.

Prices of above on application

EXPANDED METAL.



Below are given some of the uses to which the Metal is especially adapted.

FOR SOLID PLASTER PARTITIONS,—Fire-proof, vermin-proof and practically sound-proof.

FOR FIRE-PROOF LATHING, for attaching to wooden joists and studs, for walls and ceilings, also for suspended ceilings, ornamental mouldings, encasing columns, girders, &c.—no cracking or falling away of plaster to be feared.

FOR CONCRETE FLOORS, ROOFS, ETC.

FOR EXTERIOR WALLS OF BUILDINGS.—Cement applied to Expanded Metal is not liable to crack or fall away through changes of temperature.

FOR FENCING, TREE GUARDS, AND WINDOW GUARDS.

CATALOGUES AND PRICE LISTS on application.

FIRE-PROOF LATHING.

DIPPED ONE COAT RED OXIDE PAINT.

⅜ in. mesh, 24 G ... ... 1/- per super yard.
In stock size sheets.

¼ in. mesh, 24 G ... ... 1/- per super yard.
In stock size sheets.

STOCK SIZES.

8 ft. × 2 ft. 3 ins., 7 ft. × 2 ft., and 6 ft. × 2 ft.

Sheets cannot exceed 8 ft. in length (long way mesh), × 6 ft. wide.

Prices of special size sheets on receipt of requirements.

Staples for fixing to wood-work, and Clips, Wire or Hangers, for fixing to girders or other iron work, etc., supplied if required.

Orders over £2 in value delivered Carriage Paid, when sent direct from Works, to nearest Railway Station in Great Britain, or F.O.W. Dublin, Belfast, or Cork.

FELT.

(Discounts upon application.)

Felt, either Roofing, Sarking, or Inodorous, should be placed under all Slates, Tiles, and Zinc upon Roofs.

Being a non-conductor, it prevents radiation of heat in Summer, and the escape of it in Winter. It makes a better bed for Slates or Tiles; and being water-proof, in case of Slates shaking or cracking, stops damp from making its way into the house. Its extreme cheapness makes the extra cost of no account when the great benefit and comfort derived from its use are considered.

ROOFING FELT.—Makes a light, cheap and durable Roof, about $\frac{3}{10}$ inch thick. When used with Asphalte laid on Brick Arches, Platforms or Floors it prevents cracks or fissures.
Weight about 96 lbs. per roll.

In rolls 25 yards long, 32 inches wide, containing 200 square feet.
8d. per running yard, or 1d. per square foot.

SLATERS' OR SARKING FELT.—Is of the same character as Roofing Felt, but thinner (about ⅛ of an inch thick) and more pliable. For this reason it is easier worked under Slates.
Weight about 65 lbs. per roll.

In rolls 25 yards long, 32 inches wide, containing 200 square feet.
6d. per running yard, or ¾d. per square foot.

INODOROUS FELT.—Lining Damp Walls, Preserving Wall Papers and Deadening Sound. Highly recommended for Metal Buildings.
About ⅛ inch thick. No. 1 quality, about 56 lbs. per roll.
No. 2 ,, ,, 45 lbs. ,,

In rolls 25 yards long, 32 inches wide, containing 200 square feet.
8d. per running yard, or 1d. per square foot.

The above Felts delivered free when sent direct from Works, to any Railway Station in quantities of 6 Rolls and upwards.

FIBROUS ASPHALTE OR FOUNDATION FELT.—An effectual remedy to prevent damp rising. It will not crack under pressure, as Pitch or Asphalte does when applied alone. Accommodates itself to any settlement of foundations.

USUAL SIZES.

4½ × 32	14 × 32	23 × 32	30 × 32
9 × 32	18 × 32	27 × 32	36 × 32

1½d. per square foot net.

Large Lots will be specially quoted for.

Other breadths to order at proportionate prices.

NON-CONDUCTING DRY HAIR FELT.—For covering Hot Water and Steam Pipes to prevent radiation of heat, covering Water Pipes and Cisterns to exclude the frost, and lining under Roofs, &c., to equalise the temperature. In sheets 34 inches × 20 inches.

No. 0.—About	¾	lb. per sheet, price	6d.	in frames of	100	sheets each.				
No. 1.	,,	1 ,,	,,	,,	7d.	,,	,,	100	,,	,,
No. 2.	,,	1½ ,,	,,	,,	9d.	,,	,,	100	,,	,,
No. 3.	,,	2 ,,	,,	,,	11d.	,,	,,	50	,,	,,
No. 4.	,,	2½ ,,	,,	,,	1/1	,,	,,	50	,,	,,
No. 5.	,,	3 ,,	,,	,,	1/3	,,	,,	50	,,	,,

Discount in sheets; in frames.

Also made in long lengths at proportionate prices.

A Large Stock always on hand, except Foundation, which is made to order.

SILICATE COTTON OR SLAG WOOL

Is a Pure Mineral Fibre made from Cleveland Slag. Best non-conductor extant. Fire, Sound, Frost and Vermin Proof.

The advantages of Silicate Cotton as a non-conductor and non-radiator of heat or cold are now well established, and in all instances where it is necessary to prevent the transmission of rarefied air it stands unrivalled.

It may be applied in a variety of ways, in the loose or natural form, by packing it underneath Sheet Iron, Zinc, Wooden Lagging, Canvas or Cardboard, woven with Yarn or Wire in Strips, or Felted with Netting.

It is used for Pugging Floors and Lining Walls in Buildings; for covering Steam Boilers, Pipes and Cylinders; Super-heated Steam Pipes, and Exhaust Combustion Pipes of Gas Engines; Cold Water Pipes, Tanks and Cisterns; for lining Refrigerators, Ice-houses, Brewery Cellars, Winerooms, Bulkheads and Decks.

One Ton will cover 1800 super feet 1 inch thick.

Price ... ... per cwt.

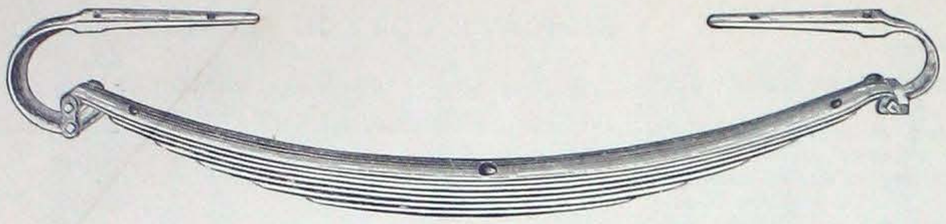
Full particulars and prices of non-conducting Silicate Cloth for covering Steam Boiler Pipes, &c., on application.

		Per ream.
Oakey's Best Flexible Cabinet Glass Paper, No. 0, 1, 1½, F2, M2, S2, 2½, 3 ...		
,, Best Glass Cloth, No. 1, 1½, M2, 2½...		
,, Best Emery Cloth, No. 0, FF, F, 1, 1½, 2, 2½ ...		
,, Best Emery Powder, No. Flour, 0, 1, 2, 3, 4 ...		Per lb.
Cow Hair, for Plasterer's use, in ½ or 1 cwt. bags		Per cwt.
Glue, best pale, No. 1		per cwt.
,, No. 2		,,
In ½ or 1 cwt. bags	¼ cwt.	extra.

Oils and Colors of every description.

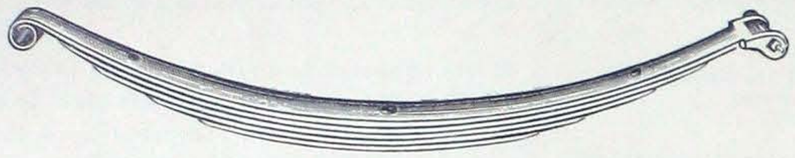
Prices on application.

SPRINGS AND SCROLL IRONS.



N 1.

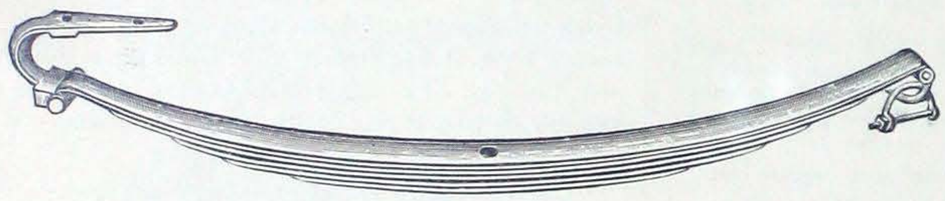
GRASSHOPPER CART SPRING AND SCROLL IRONS.



N 2.

DOG CART SPRING.

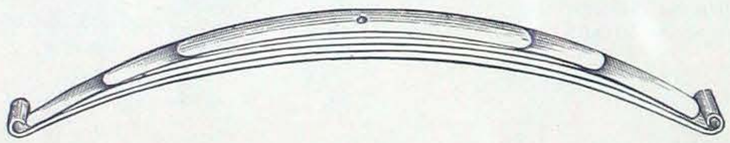
With open head at one end, and § inch hole the other.



N 3.

SIDE SPRING.

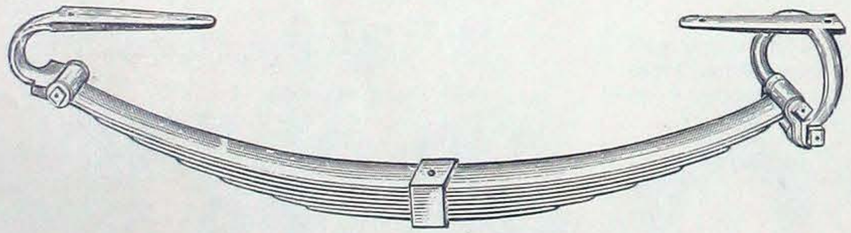
With **D** Shackles for Cross Spring.



N 4.

CROSS OR BACK SPRING.

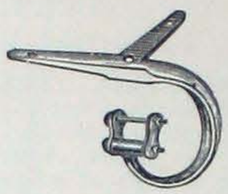
To fix with **D** Shackles.



N 5.

VAN SPRING.

With Globe Scroll Iron one end, and hoop in centre, eyes up.



N 11.

ELL FLAP SCROLL.

N 12.

BRIDGE SCROLL.

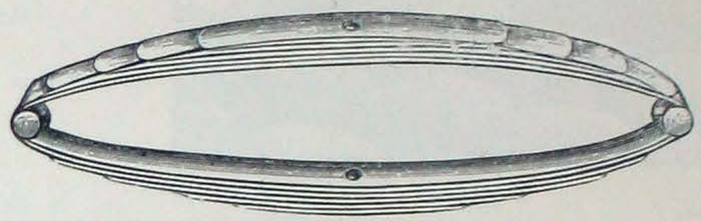




N 6.

GRASSHOPPER SPRING WITH DUMB JACK SCROLLS.

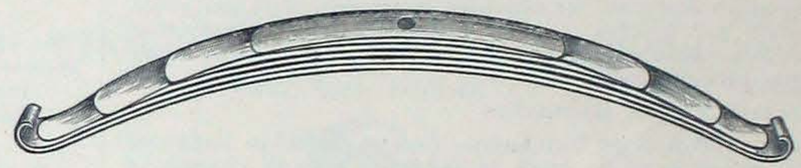
Hind end to slide.



N 7.

ELLIPTIC SPRING.

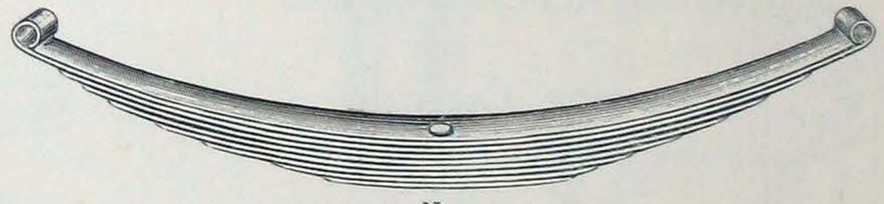
Black or Bright.



N 8.

CHECK SPRING.

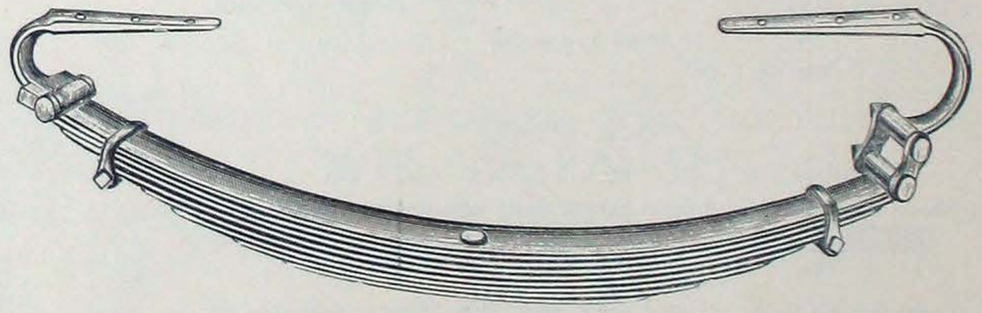
To fix crosswise under body with ends to slide.



N 9.

VAN SPRING.

With eyes up.



N 10.

HEAVY CART SPRING.

With second leaf brought round eye, and clips for tipping, eyes up.

For prices of above see page 90. *The varieties described represent in many cases but a small selection from those supplied. Further details and special quotations for large quantities will be sent on receipt of requirements.*

FOR PRICES, SEE NEXT PAGE.



N 13.

LONG BOLT MAIL AXLE WITH BRASS CAPS.

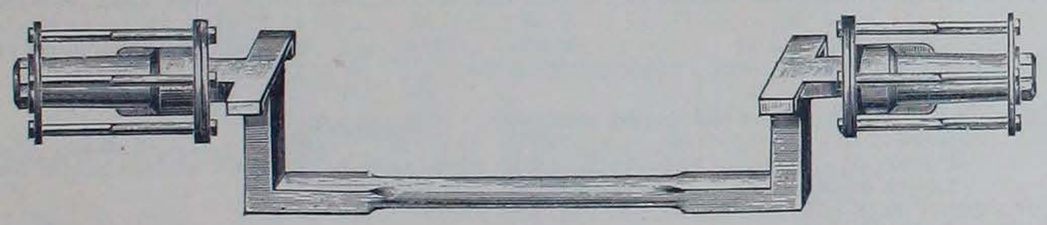
Sizes—1 inch to 2 inch diameter.



N 14.

LONG BOLT MAIL AXLE WITH CAULKED FLAPS.

Any other pattern Flap may be substituted.



N 15.

LONG BOLT MAIL AXLE, CRANKED, and with CAULKED FLAPS.

Any other pattern Flap may be substituted.



N 16.

COMMON AXLE WITH IRON NUTS.

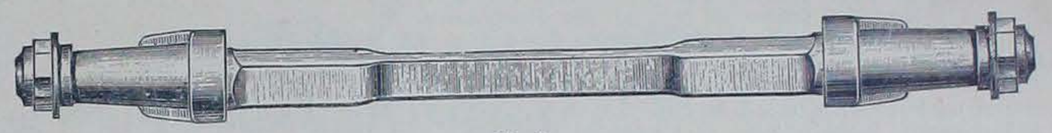
Sizes—1 inch to 2 inch diameter



N 17.

COLLINGE'S AXLE.

Sizes—1 inch to 2 inch diameter.

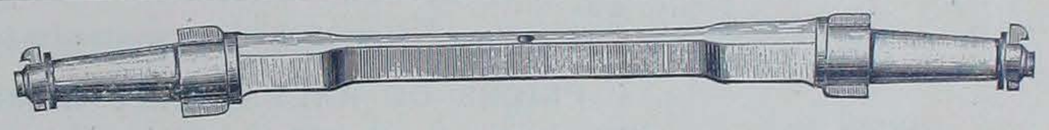


N 18.

DRABBLE'S VAN AXLE, WITH SCOTCH BED.

Also supplied with Round Bed.

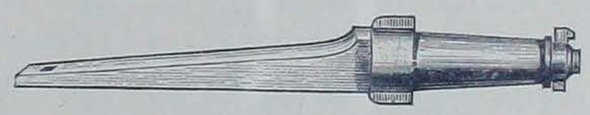
Sizes—1½ inch to 3 inch diameter.



N 19.

TURNED CART AXLE, STEELED, WITH SCOTCH BED.

Bright Collett and Lynch Pin, Solid Collars.



N 20.

TURNED CART ARM, STEELED.

With Bright Collett and Lynch Pin.

Also supplied with bright washer. Sizes—1½ inch to 3 inch.



N 22.

AXLE CLIP.

Caulked.



N 21.

SCRAP ARM MOULD.



N 23.

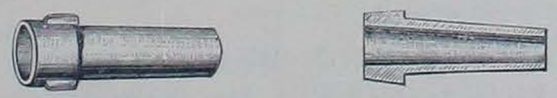
SPRING CLIP.

Half round, with coupling



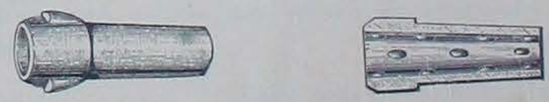
N 24.

COLES' LIGHT PIPE BOXES.



N 25.

MAGGS' PIPE BOXES.

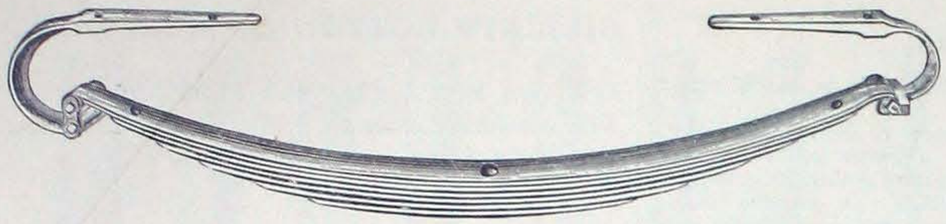


N 26.

THUMB PIPE BOXES.

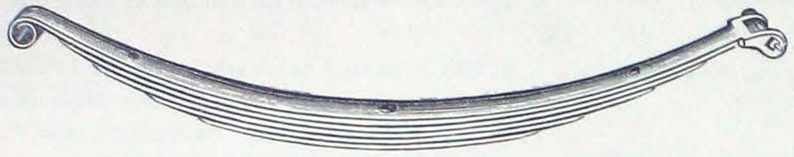
The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

SPRINGS AND SCROLL IRONS.



N 1.

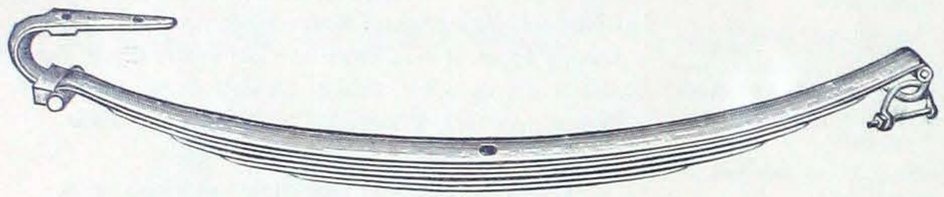
GRASSHOPPER CART SPRING AND SCROLL IRONS.



N 2.

DOG CART SPRING.

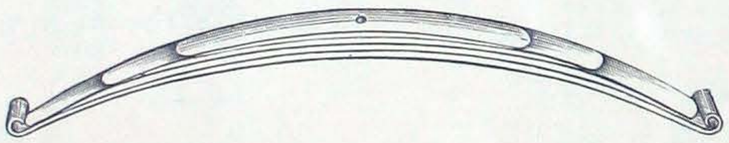
With open head at one end, and $\frac{5}{8}$ inch hole the other.



N 3.

SIDE SPRING.

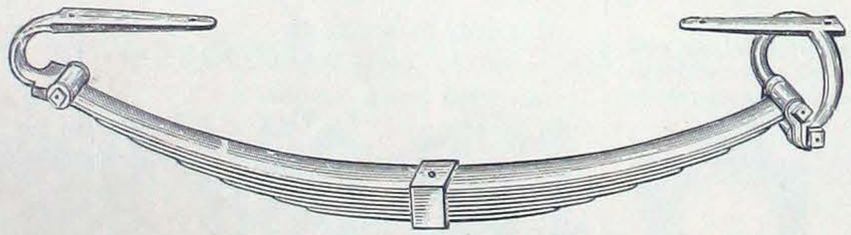
With **D** Shackles for Cross Spring.



N 4.

CROSS OR BACK SPRING.

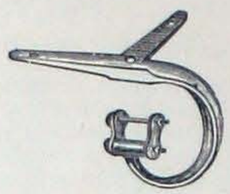
To fix with **D** Shackles.



N 5.

VAN SPRING.

With Globe Scroll Iron one end, and hoop in centre, eyes up.



N 11.

ELL FLAP SCROLL.

N 12.

BRIDGE SCROLL.

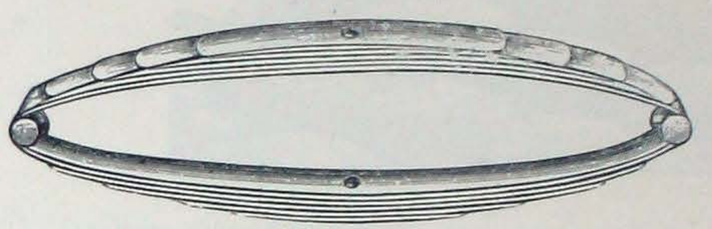




N 6.

GRASSHOPPER SPRING WITH DUMB JACK SCROLLS.

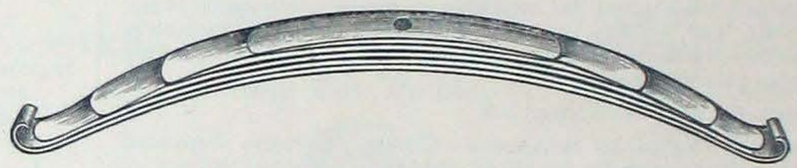
Hind end to slide.



N 7.

ELLIPTIC SPRING.

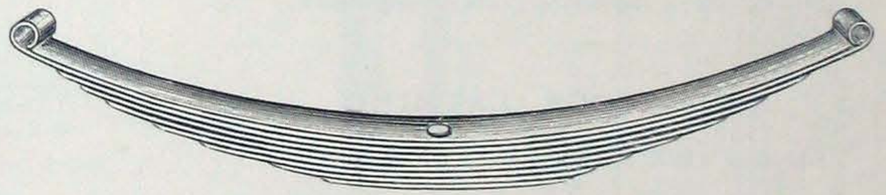
Black or Bright.



N 8.

CHECK SPRING.

To fix crosswise under body with ends to slide.



N 9.

VAN SPRING.

With eyes up.



N 10.

HEAVY CART SPRING.

With second leaf brought round eye, and clips for tipping, eyes up.

For prices of above see page 90. *The varieties described represent in many cases but a small selection from those supplied. Further details and special quotations for large quantities will be sent on receipt of requirements.*

FOR PRICES, SEE NEXT PAGE.



N 13.

LONG BOLT MAIL AXLE WITH BRASS CAPS.

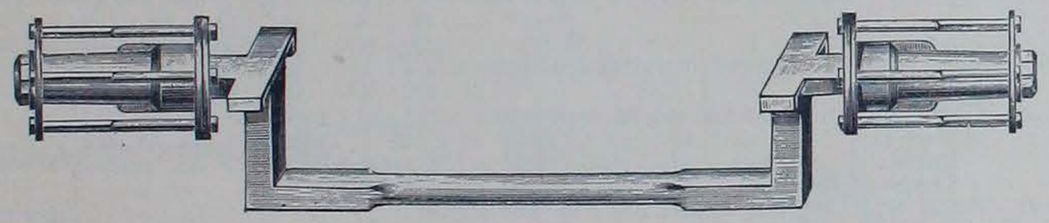
Sizes—1 inch to 2 inch diameter.



N 14.

LONG BOLT MAIL AXLE WITH CAULKED FLAPS.

Any other pattern Flap may be substituted.



N 15.

LONG BOLT MAIL AXLE, CRANKED, and with CAULKED FLAPS.

Any other pattern Flap may be substituted.



N 16.

COMMON AXLE WITH IRON NUTS.

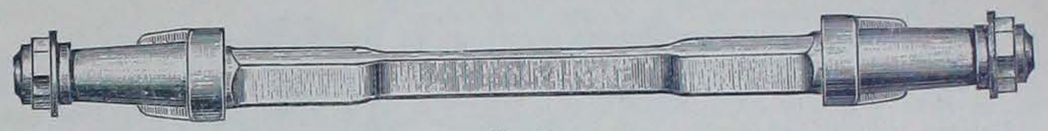
Sizes—1 inch to 2 inch diameter



N 17.

COLLINGE'S AXLE.

Sizes—1 inch to 2 inch diameter.

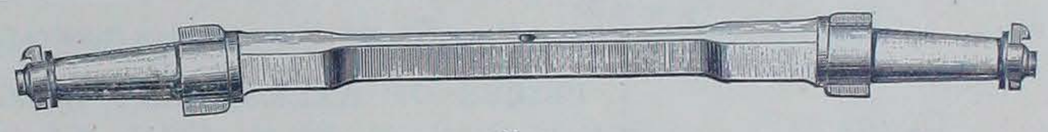


N 18.

DRABBLE'S VAN AXLE, WITH SCOTCH BED.

Also supplied with Round Bed.

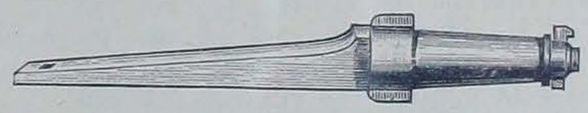
Sizes—1½ inch to 3 inch diameter.



N 19.

TURNED CART AXLE, STEELED, WITH SCOTCH BED.

Bright Collett and Lynch Pin, Solid Collars.



N 20.

TURNED CART ARM, STEELED.

With Bright Collett and Lynch Pin.

Also supplied with bright washer. Sizes—1½ inch to 3 inch.



N 22.

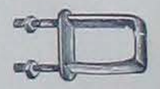
AXLE CLIP.

Caulked.



N 21.

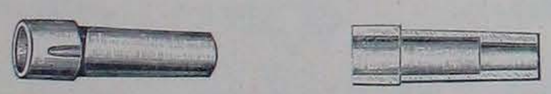
SCRAP ARM MOULD.



N 23.

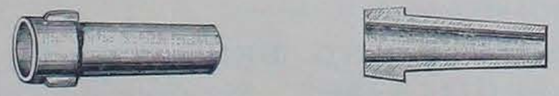
SPRING CLIP.

Half round, with coupling



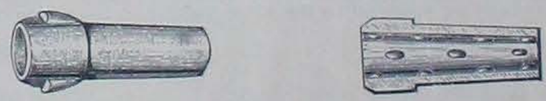
N 24.

COLES' LIGHT PIPE BOXES.



N 25.

MAGGS' PIPE BOXES.



N 26.

THUMB PIPE BOXES.

The varieties described represent in many cases but a small selection from those supplied. Further details and special prices for large quantities will be sent on receipt of requirements.

SPRINGS AND AXLES.

PRICES OF SPRINGS AND SCROLL IRONS AS ON PAGE 88.

CART, VAN AND DENNETT SPRINGS, Grasshopper Shape, as N 1, 2, 3, 4, 5, 6, 8, 9, 10.

	1¼	1½	1¾	2	2¼ and 2½ in.
4 Plates and more	30/-	27/6	24/9	23/6	22/6 per cwt.
Ditto, ...	3½d.	3¼d.	3d.	2¾d.	2⅝d. per lb.

Subject to minimum charges as below.

		1¼	1½	1¾	2	2¼ and 2½ in.
TRUCK SPRINGS, Check, or extra short, or light Grasshopper Springs	3 Plates	5/4	5/8	6/4	6/8	7/4 per pair.
	4 ,,	6/8	7/4	8/-	8/8	9/4 ,,
	5 or 6 ,,	8/-	8/8	9/8	10/8	11/9 ,,

Extras—Open Heads, as N 2, 1¼, 1½, 1¾ inch, 1/6 each end extra.
Clips for Tipping, as N 10, 9d. each Spring extra.
Hoops in centre, as N 5, 9d. per Hoop extra.
Holes through middle of spring (for fixing), ¾d. per plate extra.

SHACKLES—
"D," as No. N 3, 1¼ in. × ⅜ in., 1/7; 1½ in. × ⅜ in., 1/8; 1¾ in. × ⅜ in., 1/10; 1¾ in. × 7/16 in., 2/-; 2 in. × ⅜ in., 2/-; 2 in. × 7/16 in., 2/1; 2¼ in. × 7/16 in., 2/2; 2¼ in. × ½ in., 3/- per set; Pipe Eye or Malvern, 1½ in. 2/-; 1¾ in., 2/3; 2 in., 2/6 per pair.

Approximate Weight of Springs—
3 ft. 6 in. long, 1½ in. × ¼ in.; 5 Plates, 34 lbs.; 6 Plates, 40 lbs.
3 ft. 6 in. ,, 1¾ in. × ¼ in.; 5 Plates, 38 lbs.; 6 Plates, 45 lbs.; 7 Plates, 52 lbs.
3 ft. 6 in. ,, 2 in. × ¼ in.; 4 Plates, 36 lbs.; 5 Plates, 45 lbs.; 6 Plates, 53 lbs.; 7 Plates, 61 lbs.; 8 Plates, 70 lbs.
4 ft. 0 in. ,, 2 in. × ¼ in.; 4 Plates, 40 lbs.; 5 Plates, 52 lbs.; 6 Plates, 60 lbs.; 7 Plates, 70 lbs.; 8 Plates, 78 lbs.
4 ft. 0 in. ,, 1¾ in. × ¼ in.; 5 Plates, 45 lbs.; 6 Plates, 53 lbs.; 7 Plates, 60 lbs.; 8 Plates, 68 lbs.

		1¼	1½	1¾	2	2¼	2½ in.
PLAIN SCROLL IRONS, fitted to springs,	⅜ bolt	5/6	5/6	6/-	6/3	—	— per set.
Ditto	,, ,, 7/16 ,,	—	—	6/3	6/6	7/-	— ,,
Ditto	,, ,, ½ ,,	—	—	—	8/3	9/3	10/6 ,,
Ditto	,, ,, Heavy	—	—	—	4d.	4d.	4d. per lb.
GLOBE, as N 5, and Bridge as N 12,	⅜ bolt	—	9/-	9/6	10/3	—	— per set.
Ditto	,, 7/16 ,,	—	9/3	10/-	11/-	11/3	12/- ,,
Ditto	,, ½ ,,	—	—	10/6	11/6	12/-	12/3 ,,
HEAVY GLOBE, Bridge and Branch and Check Plates		—	—	—	5½d.	5½d.	5½d. ,,

Sets of one pair Globe or Bridge and one pair Plain are charged in proportion.

		1¼	1½	1¾	2	2¼	2½ in.
DUMB JACK SCROLLS, as N 6,	⅜ bolt ...	7/-	7/3	7/6	8/6	—	— per set.
Ditto	,, 7/16 ,, ...	—	—	8/3	9/3	10/-	10/3 ,,
Ditto	,, ½ ,, ...	—	—	—	10/-	10/6	11/6 ,,
N 11.—ELLFLAP,	⅜ bolt	8/-	8/6	8/9	—	—	— ,,
Ditto	7/16 ,, ...	—	—	9/-	9/6	10/3	— ,,
Ditto,	with step on near side ...	1½ in., 13/3; 1¾ in., 13/6; 2 in., 14/- ,,					

	1¼	1½	1¾	2	2¼ and 2½ in.
N 7.—ELLIPTIC SPRINGS—					
4 Plates and more	37/6	36/6	34/-	32/-	30/- per cwt.
	4½d.	4¼d.	4d.	3¾d.	3½d. per lb.
3 Plates	14/8	15/4	16/-	—	— per pair.

Unless instructed otherwise we measure the compass of Springs when they are "down" eyes, from TOP of eyes to inside; when eyes "up," from CENTRE of eyes to inside. Lengths taken to centre of eyes. Springs are sent with eyes "down," unless otherwise ordered.

PRICES OF AXLES, CART ARMS, PIPE BOXES, &c., AS ON PAGE 89.

AXLES Sizes	1	1⅛	1¼	1⅜	1½	1⅝	1¾	1⅞	2 in. dia.
N 13.—Long Bolt Mail Axles, in Arms ...	17/9	19/3	21/-	23/3	25/9	30/6	37/-	44/-	52/- per axle.
Length of Boxes... ...	7	7½	8	8½	9	9½	10	10½	11 in.
,, Box and Cap ...	7¾	8⅜	8⅞	9½	10	10½	11¼	11⅞	12⅜ in.
Extra with Plain or Caulked Flaps	4/10	5/3	5/8	6/-	6/10	7/8	8/10	10/6	12/- per axle.
,, with Butterfly Flaps ...	8/6	8/6	8/10	9/3	10/-	11/3	12/10	14/6	16/- ,,
,, Cranked to 6 in. deep ...	12/-	12/10	14/6	15/3	16/-	20/-	24/-	28/9	33/6 ,,
,, Every additional inch above 6 in. deep	1/5	1/5	1/8	1/8	1/10	1/10	2/3	2/8	3/3 per in.
,, Shutting up Straight Axle ...	1/8	1/8	1/8	2/-	2/-	2/5	2/5	2/10	4/- per axle.
N 16.—Common Axle with Iron Nuts, in Arms	12/6	14/6	16/6	19/3	23/6	27/3	33/3	38/6	46/6 ,,
Length of Boxes... ...	5	5½	6¼	7	7½	8	8½	9	9½ in.

With Collet and Lynch Pin same price.

N 17.—Collinge's Axles, in Arms	26/6	28/9	31/3	34/6	38/9	46/-	52/9	62/-	73/6 per axle.
Length of Boxes... ...	7⅞	8	8½	9	9	9½	10	10½	11 in.
,, Box and Cap ...	8⅞	9⅜	10⅛	10⅝	10⅝	11⅛	11⅞	12½	13 in.

Plating Caps, 1/- each. Engraving Caps, 8d. each.

Sizes	1½	1⅝	1¾	1⅞	2	2¼	2½	2¾	3 in. dia.
N 18.—Drabble's Van Axle, in Arms, with Scotch Beds... ...	28/3	31/6	34/9	37/9	40/-	45/-	50/9	58/6	72/6 per axle.
Extra with Plain or Caulked Flaps	5/-	6/6	7/6	8/4	9/6	12/4	14/6	17/6	21/- ,,
Cranked to 6 in. deep	42/9	49/9	55/9	62/9	70/-	85/-	103/-	123/-	156/- ,,
Extra for every additional inch above 6 in. deep	1/6	1/6	1/10	1/10	1/10	3/-	3/3	4/-	4/9 per in.
,, Shutting up Straight Axle ...	1/10	2/2	2/6	3/-	3/8	5/-	5/9	6/6	7/3 per axle.
Drabble's Patent Van Arms, flat beds	26/-	29/-	32/-	34/-	36/3	40/6	45/-	52/3	61/6 per pair.

In ordering Mail Axles "Shut up," give length between loose washers and if straight bed or compassed. If flapped what sort, viz., solid, caulked, or butterfly, and if with holes or plain, width of flap and distance between flap and loose washer. If cranked give length in bed and the distance between crank and loose washer. If with flap state position. When order does not state the distance between the crank and loose washer, we make close up in Collinge's and Drabble's, and Mail just sufficient room for the bolts to turn.

NOTE.—Axles are measured on the round inside box, the square being about one-eighth of an inch more.

N 19.—Cart Axle, turned and steeled, with Scotch Bed, Solid Collars, bright Collet, and Lynch Pin—

Sizes ...	1¾	2	2¼	2½	2¾	3 in.
Prices ...	17/6	22/6	27/6	34/9	40/9	48/6 per axle.
Extra with Boss or Swell, including drilling hole	4/4	5/-	5/6	6/6	8/-	11/- ,,
Shutting up	2/6	3/8	5/-	5/9	6/6	7/3 ,,

N 20.—CART ARMS, turned and steeled, with bright Collet and Lynch Pin—

Sizes ...	1½	1¾	2	2⅛	2¼	2⅜	2½	2¾	3 in. dia.
Prices...	10/3	13/-	16/8	18/9	21/-	24/-	29/6	32/6	40/- per pair of Arms.
Length of Box ..	7½	8½	9½	10	10½	10½	11	11½	12 in.

N 21.—BEST SCRAP ARM MOULDS, 2 in. and above ... ... per cwt.
1¾ in., 1/- per cwt. extra.

N 22.—AXLE CLIPS, caulked— 1 in., 1/10; 1⅛ in. and 1¼ in., 2/-; 1⅜ in. and 1½ in., 2/3; 1⅝ in. and 1¾ in., 2/9; 1⅞ in. and 2 in., 3/- per pair.

N 23.—SPRING CLIPS, half round, with couplings—
Sizes ... 1¼ in. × 3 in., 5d., 1½ in. × 3 in., 5d., 3½ in., 5½d., 1¾ in. × 3 in., 5½d., 3½ in., 6d., 4 in., 6d., 2 in. × 3 in., 5½d., 3½ in., 6d., 4 in., 6½d., 4½ in., 7d. each.
Heavy, 1¾ in., 6d.; 2 in., 5½d.; 2¼ in., 5½d. per lb. Spring Clips are measured inside of shoulder.

N 24.—PIPE BOXES, Coles' light pattern—

Sizes ..	1¾ in. × 1¼ in. × 8 in.,	1¾ in. × 1⅜ in. × 9 in.,	2 in. × 1½ in. × 9½ in.
	2 in. × 1½ in. × 10 in.,	2 in. × 1½ in. × 11 in.,	2¼ in. × 1½ in. × 11 in.
	2¼ in. × 1¾ in. × 10 in.,	2¼ in. × 1¾ in. × 12 in.,	2½ in. × 1⅝ in. × 12 in.
	2½ in. × 2 in. × 10 in.,	2½ in. × 2 in. × 9 in., per cwt.,	2¾ in. × 2⅛ in. × 10¾ in., per lb.
	3 in. × 2¼ in. × 11 in.,		
N 25.—MAGGS' PIPE BOXES—	Stock sizes,	2 in. × 1⅜ in. × 9½ in.,	2¼ in. × 1¾ in. × 10 in.
	2½ in. × 2 in. × 10½ in.,	2¾ in. × 2 in. × 11½ in., per cwt.	3 in. × 2 in. × 12 in.

N 26.—"THUMB" PIPE BOXES—

1⅜ in. × 1⅜ in. × 9¼ in.,	2 in. × 1⅝ in. × 9½ in.,	2⅛ in. × 1⅜ in. × 9½ in.
2¼ in. × 1¾ in. × 10 in.,	2⅜ in. × 1¾ in. × 10 in.,	2½ in. × 1¾ in. × 11 in.
2⅝ in. × 1⅞ in. × 11 in.,	2¾ in. × 1⅜ in. × 11½ in., per cwt.,	2⅞ in. × 1⅜ in. × 11½ in., per lb.
3 in. × 2⅛ in. × 12 in.,		

SHAFTS AND BENT TIMBER.

First Quality Lancewood Pony Shafts ...	... 9 to 10 ft., 1¼ × 2¼ to 1⅜ × 2¼ in., 14/- per pair.
,, Lancewood Dog Cart Shafts ...	...11 to 12 ft., 1⅜ × 2½ to 1⅝ × 2⅝ in., 17/6 ,,
,, Lancewood Shafts selected for varnishing	19/- ,,
,, Hickory Dog Cart Shafts ...	12 ft., 1½ × 2½ in., 10/-; 1¾ × 2¾ in., 12/- ,,
,, Ash Dog Cart Shafts ...	12 ft., 1½ × 2½ in., 9/6; 1¾ × 2¾ in., 10/9 ,,

First Quality Ash Cart or Whitechapel Shafts ...	10 ft., 1⅞ × 2⅞ in., 10/9; 2¼ × 3 in., 11/3 per pair.
SINGLE SWEEP RAILS	4/- ,,
HALF CIRCLE WINGS	3½ ft. 2/-; 4 ft., 2/4 ,,
ASH PHAETON SHAFTS	...1⅜ in., 3/9; 1½ in., 4/- ,,

Every other description of Bent Timber supplied.

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COACH BUILDERS' FITTINGS.

STEP SWELL.



N 33.

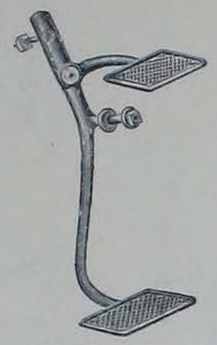
½ ⅝ ¾ ⅞ in. dia.
1/4 1/6 1/7 1/11 each

GOVERNESS CAR STEP.



N 4320.
With 7½ × 6 in. stamped tread.
5/9 each.

RUSTIC CART STEPS.



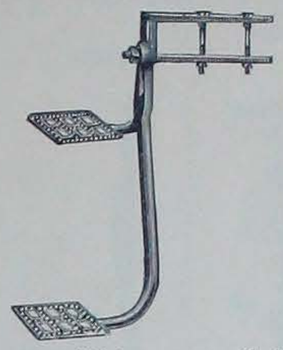
N 4321.
With stamped grid plate tread.
18/3 per pair.

SINGLE TREAD ANGULAR STEP.



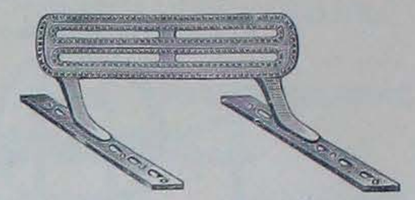
N 4322.
With stamped grid plate tread.
10/3 per pair.

DOUBLE CART STEP.



N 4324.—With square grid plate tread. 14/- per pair.
N 4326.—Single do., with square stamped gridplate tread, 8/9 per pair.

MOVEABLE FOOT REST.



N 4327.—11 in., 2/2 each. 13½ in., 2/2 each

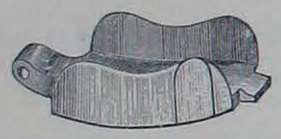
STUMP SOCKET.



N 32.

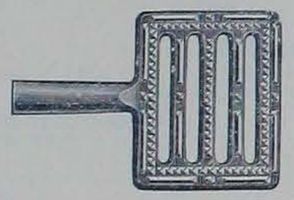
For Pony Gig and Phaeton Lamps, 1/2 pair.
For Brougham Lamps, 1/8 pair.

DRAG SHOE OR SKIDIRON.



N 40.
To any size.
2 in. to 6½ in., 10/9 per cwt.; 1½d. per lb.

STAMPED TREAD PLATES.



Pattern is now strengthened with centre-piece.

N 38.

4¾ × 4 in.	5½ × 4½ in.	6 × 5 in.
1/8	1/9	2/- per pair.

STRAIGHT HALF ROUND CLIP.



N 41

8 in.	10 in.	12 in.
4/-	4/3	4/6 per doz.
5½d.	6d.	6½d. each,

STUMP JOINT.



N 42.

⅜	½	⅝	¾ in.
1/6	1/7	1/9	2/3 per pair.

SHAFT TIPS.





	N 44.		N 45.
N 44.—Square end, beaded, 1 × 1⅛ in. inside sizes	2	2¼	2½ in. long.
Japanned	4d.	4½d.	5d. per pair.
Brass	11½d.	1/-	1/1 ,,
Silver plated	2/-	2/3	2/6 ,,

If without bead, same price.

N 43.—Round end, not beaded, 1⅛ × 1¼ in. inside sizes	2	2¼	2½ in. long.
Japanned	5d.	5½d.	6d. per pair.
Brass	1/1	1/2	1/3 ,,
Silver plated	2/4	2/6	2/9 ,,

N 45.—Cart, japanned—
2½ × 1⅛ × 1⅜ in. 6½d. per pair. 2¾ × 1⅜ × 1½ in. 8½d. per pair. 3 × 1⅜ × 1⅝ in. 9½d. per pair.

ESCUTCHEONS.







	N 46.	N 48.	N 47.
N 46.—Brass			1/- per dozen.
	Japanned.	Brass.	Silver Plated.
N 47.—Hinged	2½d.	5½d.	8½d. each.
N 48.— ,,	2d.	3d.	7d. ,,

LOOPS AND RINGS.







N 49. N 50. N 51.

	Japanned.	Brass.	Silver Plated.
N 49.—Loop Rings	6½d.	2/8	4/- per doz.
N 50.— } Loops and Rings	11d.	4/-	5/9 ,,
N 51.— }			

APRON KNOB.



Japanned.	Brass.	Silver Plated.
N 52.—3½d.	9d.	1/4 per doz.

BREECHING STAPLES.

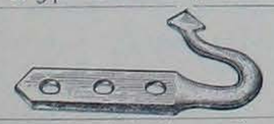




N 54. N 53.

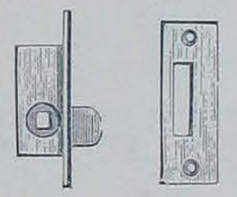
	Japanned.	Brass.	Silver Plated.
N 53.—Single, 1½ in.	8d.	2/8	5/3 per doz.
N 54.—Double ,,	1/4	5/-	10/6 ,,

TRACE HOOK.



N 58.
To screw on ... ... 6½d. each.

BUDGET LOCKS AND KEYS.





	¾	⅞	1	1⅛	1¼ inch.
N 55.—Budget Locks ..	5/3	5/9	6/9	8/-	8/9 per doz.
	6d.	6½d.	7½d.	9d.	10d. each.

N 56.—Keys for ditto ... ... 2/3 per doz.; 2½d. each.





MALLEABLE SPRING SHACKLES.

N 57.—Square or round holes.
2, 2½, 3, 3½, 4 in. measure over all, price 5d. per lb.



INDIA-RUBBER SHACKLES,

N 4328

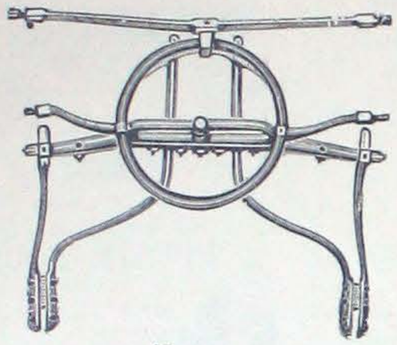
1½ × ⅜ in. bolt	4/6 per pair.
1¾ ,, ,, ...	5/- ,,
2 ,, ,, ...	5/6 ,,

The above prices do NOT include fitting to springs

The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements. Where price is only given "each" an allowance of 10 per cent. will be made when ordered in dozens.

COACH BUILDERS' FITTINGS.

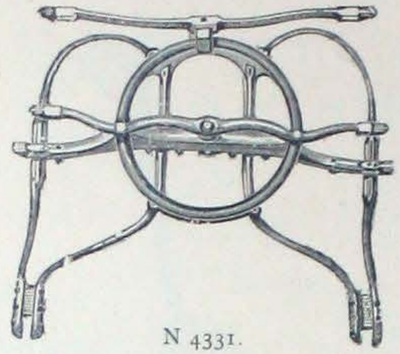
PARISIAN PHAETON FORE CARRIAGES.



N 4 330.

With iron top and wood bottom bed, 18 in. wheel plate, 32 in. centres of spring bearings, and top bearings for 1¼ in. springs.

79/- each.



N 4331.

With iron top, and wood bottom beds, 18 in. wheel plate, 32 in. centres of spring bearings and top bearings, for 1¼ in. springs, 7½ in. deep over all.

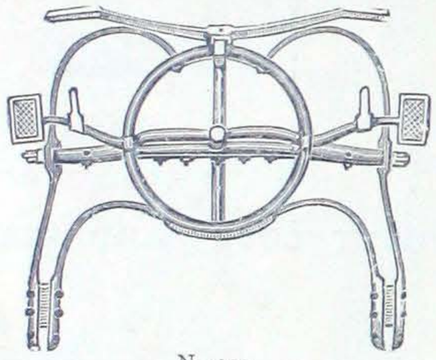
84/- each.

N 4331A.—As N 4331.

For VAN. 20 in. wheel plate, 35 in. centres of spring bearings for 1¾ in. springs, 8½ in. deep over all, 34 in. over top carriage, flaps left to top carriage, ends unfinished.

105/- each.

FORE CARRIAGE FOR STANHOPE PHAETON, FOUR-WHEEL DOG CARTS, &c.



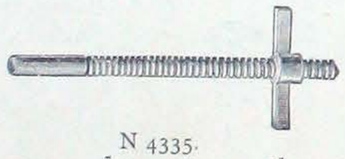
N 4333.

With iron top and wood bottom beds, for 1½ in. springs, 8½ in. deep over all, 20 in. wheel plate, 35½ in. over spring bearings, 30 in. over top bearings.

102/- each.

In ordering special forecarriages, please state width over spring bearings, width of springs, width over top of carriage, and height.

CART BRAKE SCREW.



N 4335.

	⅞	1	1⅛	1¼ in. diameter.
	3/3	4/-	4/6	5/3 each.
If with wheel and collar	8/-	8/9	9/9	10/9 ,,

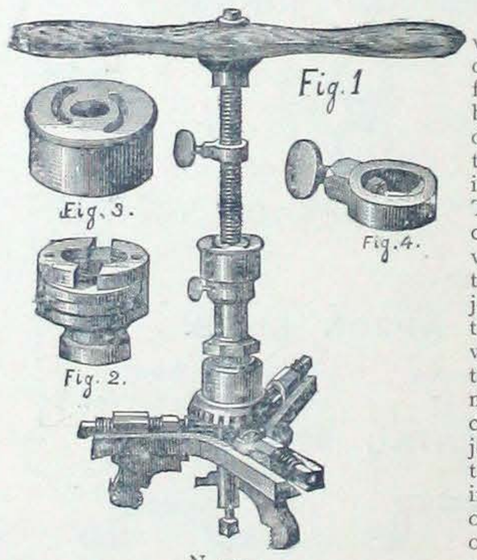
INDIA-RUBBER BRAKE BLOCKS.

N 4336.—Dovetail pattern.

Length.	Width.	Depth.	Length.	Width.	Depth.
5⅜ ×	1⅜ ×	1½ in.	6½	1⅞	2 in.
		2/2 pair.			3/4 pair.
6 ×	1⅝ ×	1¾ in.	6¾	2	2⅛ in.
		2/8 pair.			4/- pair.

Malleable Pans for ditto, with bolts and nuts, 1/9 to 2/6 per pair.

HUB BOXING MACHINE.



N 4334.

The open feed nut, which admits of withdrawing the mandril from the hub, after boring the required depth, by simply turning the cap to the left, is an important consideration. The peculiar form of the chuck admits of a better view of the work, while the movement of the jaws, being effected by the aid of screw pinions working directly through the jaws, gives the machine great power for clamping the hub. The jaws are provided with two shoulders for clamping hubs — the inner ones for light, and the outer ones for heavy work.

The No. 1 Machine, for heavy and medium work up to 11 × 13 in. hubs, will clamp hubs from 2 to 9½ in. in diameter. The No. 2 Machine, which is designed to be used only on very heavy work up to 16 × 24 in. hubs, will clamp hubs from 9 to 14¾ in. in diameter.

No. 1 Machine will bore holes	1¾ to 5 ×	6½ in. deep	£5 5 0
,, 2 ,,	,,	2⅝ to 6 × 12½ in. ,,	7 7 0
Extra Bits, per set for No. 1 ...	...	... ...	0 4 6
,, ,, ,, 2 ...	...	... ...	0 6 0

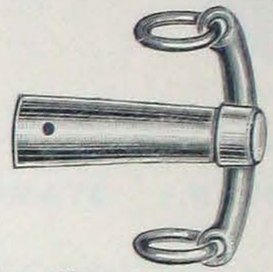
INDIA-RUBBER CONICAL-SHAPE BUFFERS.

N 4337.—With Brass Plates for Springs.

No. 1, 6/- per pair. No. 2, 13/6 per pair
No. 3, 16/6 per pair.

POLE HEAD,

N4338.—With Swivel and Rings.



Up to 1⅞ in. outside, filed, 8/- ea.
,, ,, ,,polished, 9/3 ,,
Chains to suit above from 8/- pair.

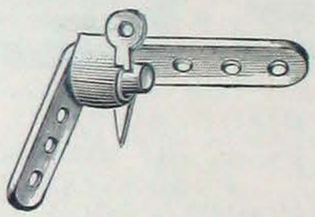
SOLID END POLE CRABS.



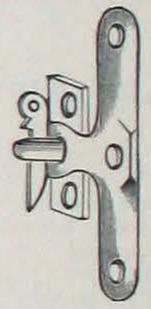
N 4339.

1½	1⅝	1⅞	2	2⅛	2¼ inch.
1/11	2/1	2/4	2/7	3/5	3/11 each.

JAPANNED DOG CART FASTENINGS.

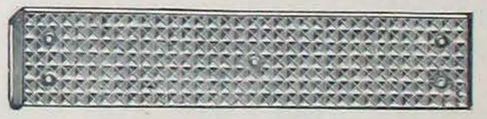


N 4340.—10½d. per pair.

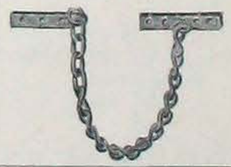


N 4341.—9d. per pair.

VAN SHAFT TREAD.



N 4342.—8¼ × 1¾ in., 6d. each.

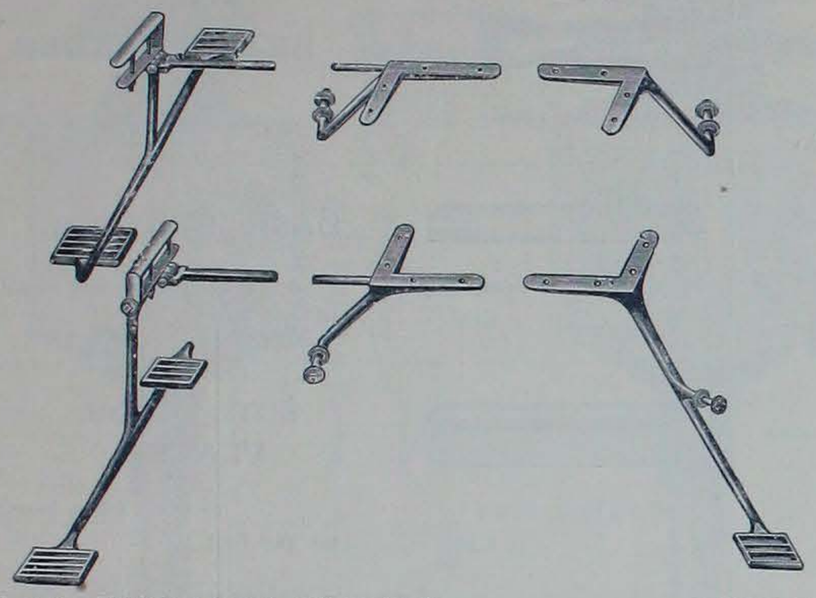


TAILBOARD CHAINS FOR DOGCART.

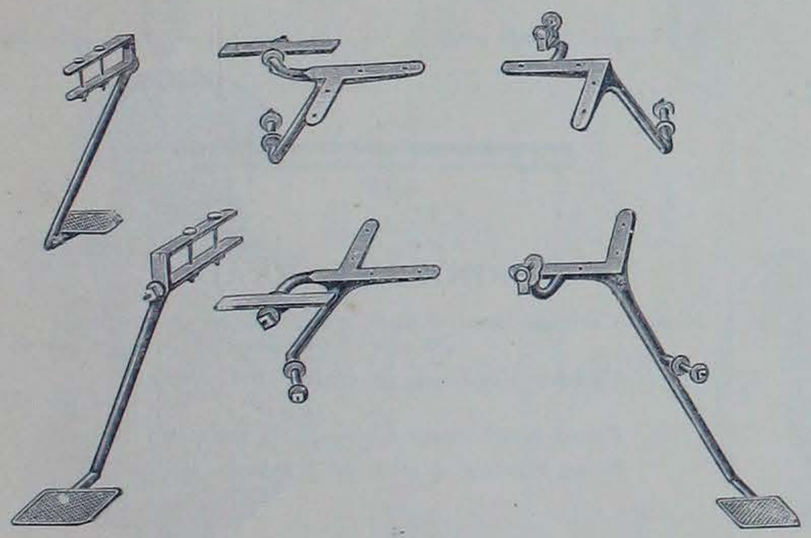
N 4343.—Per set 1/7

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DOG CART IRONWORK.

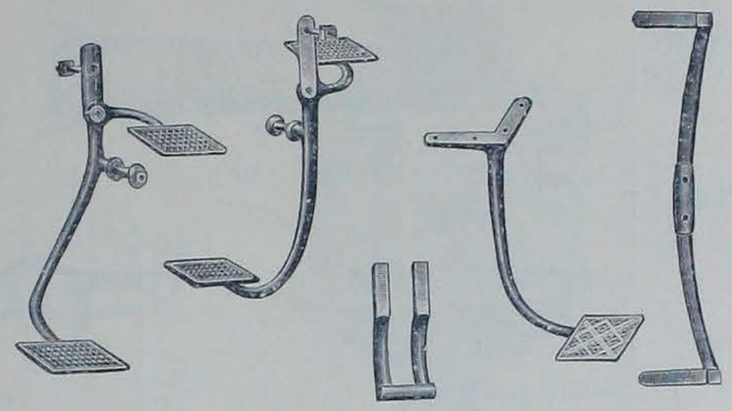


N 4346.—With best forged gridiron treads .. ... 55/6 per set.
,, stamped grid plate treads ... ... 49/- ,,
In ordering please state width of springs.



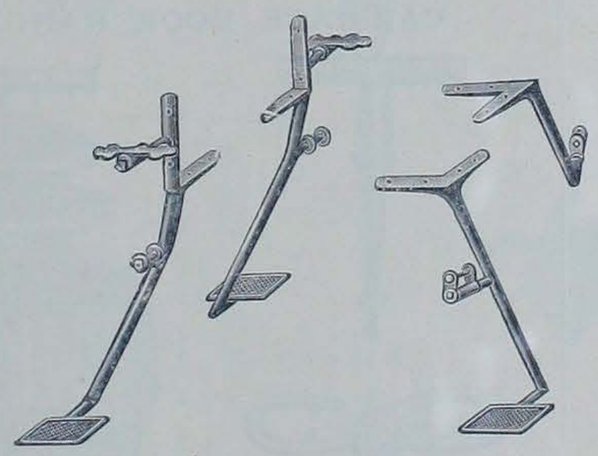
N 4349.—With stamped grid plate treads, single treads ... 44/9 per set.
Ditto ditto double treads ... 53/- ,,
In ordering please state width of springs.

RUSTIC CART IRONWORK.



N 4347.
With stamped grid plate treads ... ... 26/3 per set.
Either long or short backstay.
In ordering please state width of springs.

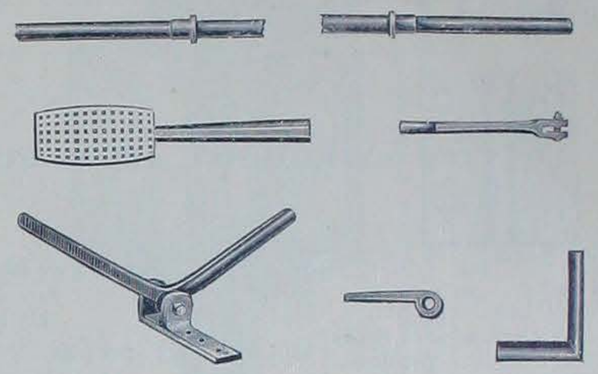
SHOOTING CART IRONWORK.



N 4350.
With stamped grid plate tread, fulcrum plates, and Malvern shackles ... ... 33/- per set.
In ordering please state width of springs.

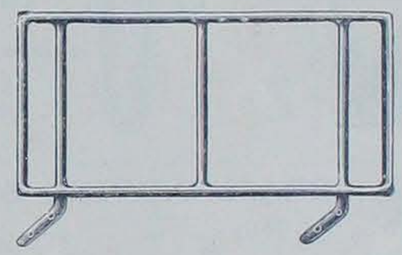
FOOT BRAKE IRONWORK.

FOR VANS.



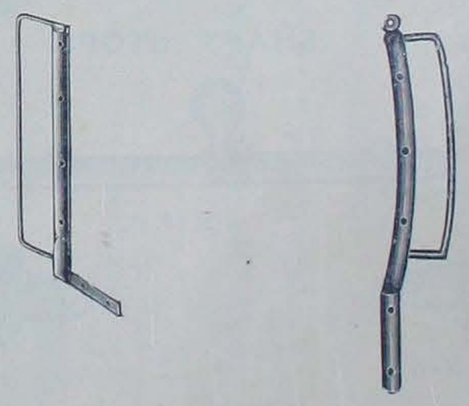
N 4348 ... ... 23/- per set

DASH IRONS.



N 4353.—Dash Iron, shut up ... from 12/9 each.

DASH HANDLES.



N 4354.
For wood, either round or square top, 5/- per pair.

N 4355.
For swept dashes, with eye at top for rein rail. 6/- per pair.

SOLID METAL REIN RAILS.



	Brass.	Nickel.	Silver on G.S.
N 4351.—24 inch centres of holes ...	4/9	6/6	10/9 each.
27 ,, ,, ,, ...	5/-	7/6	12/- ,,
30 ,, ,, ,, ...	5/6	8/-	13/- ,,



	Brass.	Nickel.	Silver on G.S.
N 4352.—24 inch centres of holes	4/9	6/6	10/9 each.
27 ,, ,, ,,	5/-	7/6	12/- ,,
30 ,, ,, ,,	5/6	8/-	13/- ,,

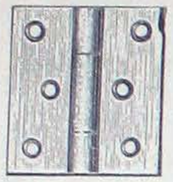
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COACH BUILDERS' FITTINGS.



TRACE HOOK.

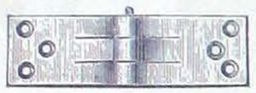
N 59.—To bolt ... 10½d. each.



WROUGHT IRON BUTTS.

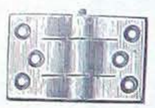
	3×3 inch.	4×4 inch.	4×5 inch.
N 60	9/6	19/3	24/- per dozen.
	10½d.	1/10	2/3 pair.
3×3 inch, with Brass Pins, per dozen	13/-	1/3 per pair.	

BRASS CARRIAGE HINGES.



N 61.—1⅜ inch wide.

1¼	1½	1¾	2 inch long.
1/4	1/6	1/8	1/10 per pair.



N 62.—1½ inch wide.

1½	2	2¼	2½	3 inch long.
1/9	2/2	2/5	2/8	3/5 per pair.



BRASS DRIVING BOX HINGE.

N 63 ... ... 5d. per pair.

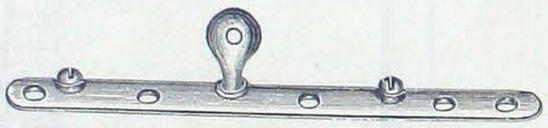


ROLLER BOLT.

N 64.

2½ inch 9/4 per dozen; 10½d. each.

SHAFT STOPS.



N 68.



N 66.



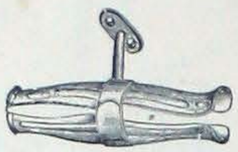
N 67.

	Japanned.	Brass.	Silver Plated.
N 66.—2⅝ inch ...	1½d.	5½d.	10½d. each.
N 67.—5 inch ...	3d.	8½d.	1/4 ,,
	Japanned.	Polished Iron.	Polished Brass.
N 68.—10 inch ...	9d.	1/1½	1/9 each.

WHIP SOCKETS.



N 69.



N 70.



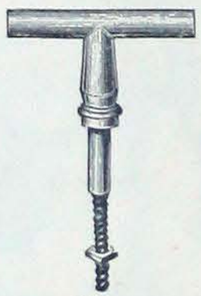
N 4360.

N 69.—Japanned ... ... 4½d. each.
Ditto, with I.R. inside, plated mounts ... 1/- ,,

N 70.—Japanned ... ... 1/2 ,,
Brass ... ... 2/4 ,,
Ditto, with loops to strap on, same price.
Leather Straps, 3d. extra.

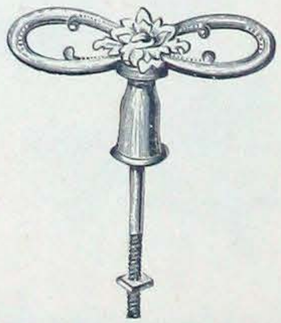
N 4360.—Japanned ... ... 4d. ,,
Brass ... ... 1/3 ,,
Ditto, to screw on the flat, same price.

CARRIAGE DOOR HANDLES.

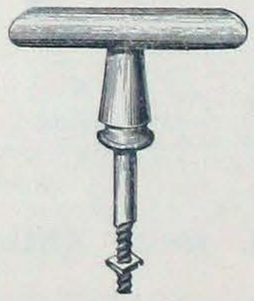


N 71.

N 72.



N 73.



N 74.

	Brass	Silver plated.
N 71.—3½ inch	2/8	5/3 per pair.
N 72.—4 ,, ...	3/9	7/- ,,
N 73. 5 ,, ...	5/8	9/6 ,,
N 74.—4⅜ ,, ...	3/6	7/- ,,



BRAKE HANDLE.

N 75.—Silver plated ... ... 3/6 each.



DASH BEADING.

N 76.—⅜ inch, Brass ... ... 4/- per 12 feet length.
Cut ... 5d. per foot.



SIDE DOOR PLATES.

N 77.—⅞ inch, Brass ... ... 7/- per 12 feet length.
Cut ... 8d. per foot.



TRACE BOLT.

N 78.—⅜ × 3½ inch long ... ... 4/- per dozen; 4½d. each.

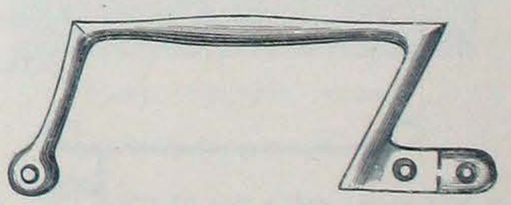


N 79.

FINISHER HEAD.

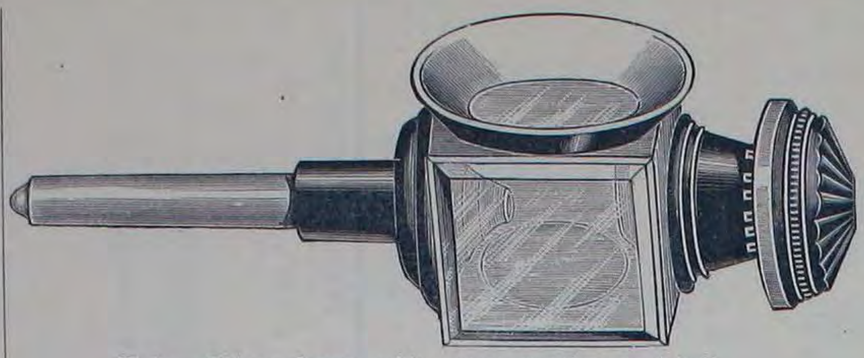
N 79.—Carriage Bead, ⅜ inch, electro-plated on copper, 4/8 per 12 feet length; cut 5½d. per foot.
Finisher Heads, electro-plated on German silver, 2/8 per pair.
Fancy Heads, electro-plated, 1/6 per pair.
Brass Beading, ¼ inch, 2d.; ⅜ inch, 2½d. per foot.

RUSTIC CART HANDLES.



	Japanned.	Brass.
N 4361.— 9½in. ×4 in. ...	2/10	8/6 per set of 4.
N 4362.—10½in. ×4 in. ...	3/3	10/- ,,

The varieties described represent in many cases but a small selection from those that can be supplied. Further details and special prices for large quantities will be sent on receipt of requirements. Where price is only given "each" an allowance of 10 per cent. will be made when ordered in dozens.

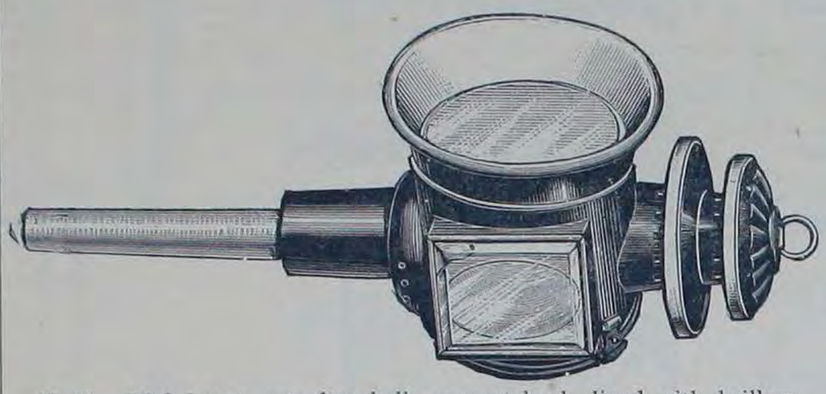


N 87.—Oblong Lamp, with patent seamless oval bell.

	Size.	Japanned.	Half mounted Silver or Brass.	Full mounted Silver or Brass.
Pony ...	5 × 4½ × 3¾ in.	19/6	21/8	23/3 per pair.
Gig ..	5¼ × 4¾ × 3¾ in.	20/6	22/9	24/6 ,,
Phaeton	5½ × 5 × 4 in.	22/9	25/-	26/8 ,,
Brougham	6 × 5 × 4¼ in.	27/3	29/4	31/- ,,

N 4366.—Ditto, Lighter Quality.

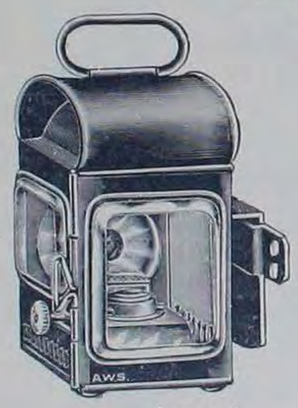
	Japanned.	Half mounted Brass.	Half mounted Silver.
Pony	14/6	16/9	17/3 per pair.
Gig	15/-	17/3	17/10 ,,
Phaeton	17/3	19/6	20/- ,,
Brougham	20/6	22/9	23/10 ,,



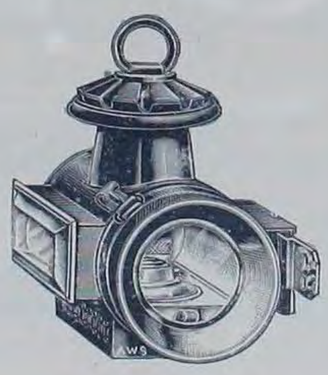
N 88.—Dial Lamp, seamless bell, open at back, lined with brillow metal, which is equal in colour to silver.

	Size.	Japanned.	½ mounted "Brillow" or Brass.	¾ mounted "Brillow" or Brass.
Pony ...	5 in.	12/6	16/2	17/8 per pair.
Gig ...	5¼ in.	13/3	16/10	18/4 ,,
Phaeton	5½ in.	16/2	19/9	21/3 ,,
Brougham	6 in.	20/6	24/3	27/3 ,,

CART LAMPS.



Japanned.
N 4367.—4 × 3½ in., 8/- per pair.
N 4368.—Lighter do., 4¼ × 3¼ in., 5/- per pair.



Japanned.
N 4369.—3½ in. Dial, 9/6 per pair.

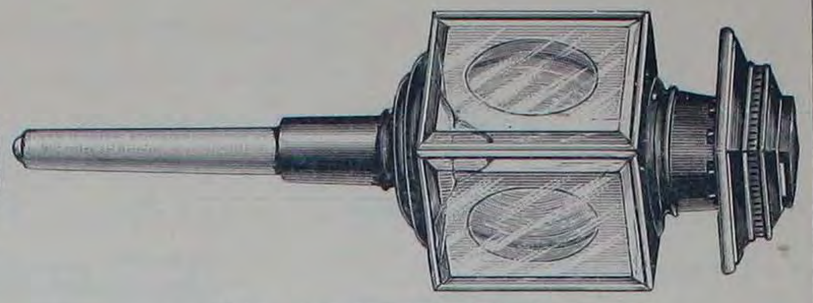


PATENT ANTI-CANDLES FOR CARRIAGE LAMPS.

TO BURN PETROLEUM.

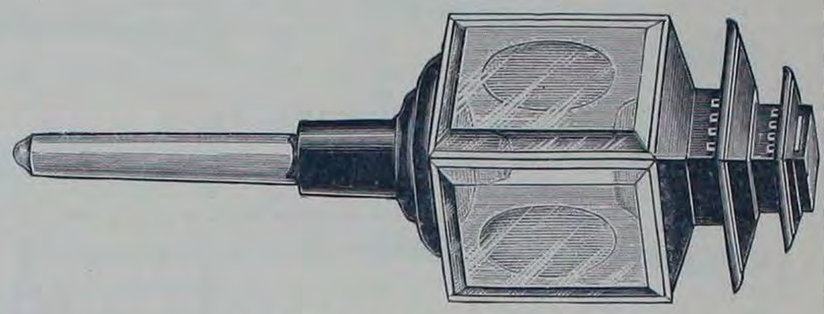
N 4370.

1 1/16 in. diameter, size of No. 6 Candle	...	3/- per pair.
1 1/16 in. ,, ,, ,, 8 ,,	...	3/- ,,
1 in. ,, ,, ,, 10 ,,	...	3/- ,,



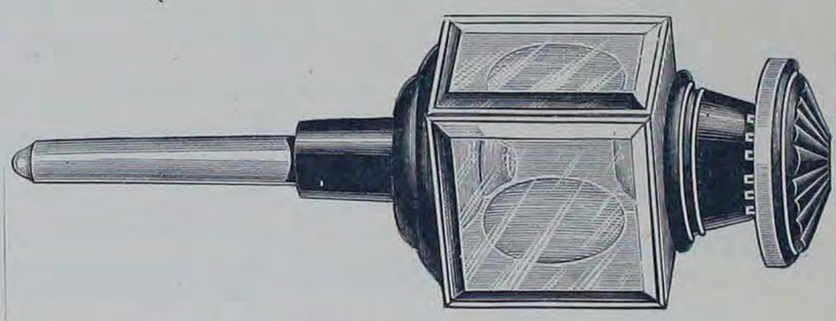
N 82.—Square Lamp, fully lined.

	Size.	Japanned.	Half mounted Silver or Brass.	Full mounted Silver or Brass with Balls and Plates.
Pony ..	5 × 4 in.	10/8	13/8	14/9 per pair.
Gig ...	5¼ × 4⅜ in.	11/9	14/6	15/8 ,,



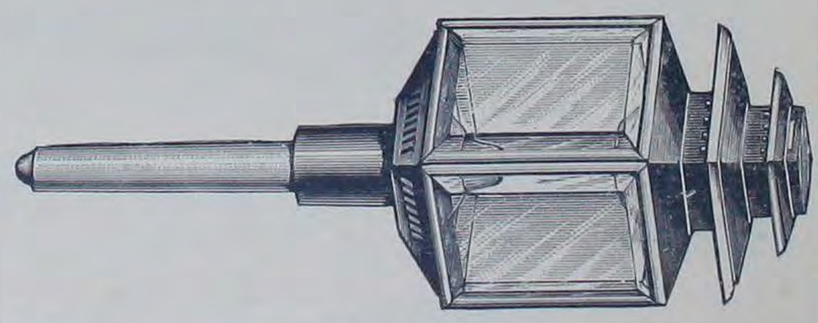
N 83.—Square Lamp, fully lined.

	Size.	Japanned.	Half mounted Silver or Brass.	Full mounted Silver or Brass with Balls and Plates.
Pony ...	5 × 4 in.	11/9	14/8	16/9 per pair.
Gig ...	5¼ × 4⅜ in.	13/3	16/2	17/9 ,,
Phaeton	5½ × 4½ in.	15/6	19/-	20/6 ,,
Brougham	6 × 5 in.	17/8	22/-	23/10 ,,



N 84.—Oblong Lamp, fully lined, oval head.

	Size.	Japanned.	Half mounted Silver or Brass.	Full mounted Silver or Brass.
Pony ...	5 × 4½ × 3¾ in.	12/4	14/6	15/8 per pair.
Gig ...	5¼ × 4¾ × 3¾ in.	12/10	15/-	16/2 ,,
Phaeton	5½ × 5 × 4 in.	14/6	16/8	17/9 ,,



N 85.—Square Lamp, lined with brillow metal which is equal in colour to silver, with wire and bead up front, panel reflectors.

	Size.	Japanned.	½ mounted "Brillow" or Brass.	¾ mounted "Brillow" or Brass.	Full mounted "Brillow" or Brass.
Pony ...	5 × 4 in.	14/-	17/3	18/9	22/- per pair.
Gig ...	5¼ × 4⅜ in.	14/8	18/4	19/9	23/- ,,
Phaeton	5½ × 4½ in.	18/-	22/4	23/10	27/3 ,,
Brougham	6 × 5 in.	21/8	26/9	28/3	31/6 ,,

Back Lights—Red, Blue, Amber, or Green. If colour is not stated on Order, Red is sent. If without Back Lights, 8d. pair less. Any Lamp can be made to burn Oil at 2/8 pair extra.

LIST PRICES OF PATENT POINTED SCREWS.

IRON WOOD SCREWS.

¼ ⅜ & ½ Inch.

Per gross.

No.	s.	d.
1	0	8½
2	0	8½
3	0	8½
4	0	8½
5	0	9
6	0	9½
7	0	11
8	1	0
9	1	1
10	1	2
11	1	3
12	1	4
13	1	8
14	1	10

2 Inch.

No.	s.	d.
8	2	0
9	2	1
10	2	2
11	2	4
12	2	8
13	3	0
14	3	4
15	3	8
16	4	0
17	4	5
18	4	9
20	5	6
22	6	4
24	7	1
26	8	6
28	12	0
30	14	0
32	18	0
36	27	0
40	38	0

4½ Inch.

No.	s.	d.
16	10	0
18	11	6
20	13	6
22	15	6
24	17	6
26	19	6
28	22	6
30	27	0
32	32	0
36	45	0
40	60	0

⅝ Inch.

Per gross.

No.	s.	d.
2	0	9½
3	0	9½
4	0	9½
5	0	10
6	0	11
7	1	0
8	1	1
9	1	2
10	1	3
11	1	4
12	1	5
13	1	8
14	1	10
15	2	2
16	2	6

2¼ Inch.

No.	s.	d.
9	2	5
10	2	6
11	2	8
12	3	0
13	3	4
14	3	8
15	4	0
16	4	5
17	4	9
18	5	2
20	5	11
22	6	10
24	8	2
26	9	6
28	12	6
30	16	0
32	20	0
36	30	0
40	40	0

5 Inch.

No.	s.	d.
18	13	6
20	15	6
22	18	0
24	20	0
26	22	0
28	26	0
30	30	0
32	35	0
36	45	0
40	65	0

¾ Inch.

Per gross.

No.	s.	d.
3	0	10
4	0	10
5	0	11
6	1	0
7	1	1
8	1	1½
9	1	2½
10	1	3
11	1	4
12	1	5½
13	1	8
14	1	10
15	2	2
16	2	6
17	2	10
18	3	2

2½ Inch.

No.	s.	d.
10	2	8
11	3	0
12	3	4
13	3	8
14	4	0
15	4	5
16	4	9
17	5	2
18	5	6
20	6	4
22	7	4
24	8	8
26	10	6
28	13	0
30	18	0
32	22	0
36	32	0
40	42	0

5½ Inch.

No.	s.	d.
18	16	0
20	18	0
22	20	0
24	22	0
26	25	0
28	30	0
30	35	0
32	40	0
36	50	0
40	70	0

⅞ & 1 Inch.

Per gross.

No.	s.	d.
4	1	0½
5	1	1
6	1	1½
7	1	2½
8	1	3
9	1	3½
10	1	4½
11	1	6½
12	1	7½
13	1	10
14	2	0
15	2	3
16	2	7
17	2	10
18	3	2
20	4	0
22	4	9

2¾ Inch.

No.	s.	d.
11	3	4
12	3	8
13	4	0
14	4	5
15	4	9
16	5	2
17	5	9
18	6	6
20	7	6
22	8	8
24	10	4
26	12	0
28	14	0
30	20	0
32	25	0
36	35	0
40	45	0

6 Inch.

No.	s.	d.
20	20	0
22	22	6
24	25	0
26	30	0
28	35	0
30	40	0
32	45	0
36	55	0
40	75	0

1¼ Inch.

Per gross.

No.	s.	d.
5	1	3½
6	1	4
7	1	5
8	1	5½
9	1	6½
10	1	7½
11	1	9
12	1	11
13	2	1
14	2	4
15	2	8
16	3	0
17	3	3
18	3	7
20	4	5
22	5	2
24	5	10

3 Inch.

No.	s.	d.
12	4	0
13	4	5
14	4	9
15	5	2
16	5	10
17	6	6
18	7	3
20	8	7
22	10	2
24	11	8
26	13	6
28	15	0
30	20	0
32	26	0
36	38	0
40	46	0

7 Inch.

No.	s.	d.
20	23	9
22	25	0
24	27	6
26	34	0
28	40	0
30	45	0
32	50	0

1½ Inch.

Per gross.

No.	s.	d.
6	1	6
7	1	6½
8	1	7½
9	1	8½
10	1	9
11	1	11
12	2	1
13	2	4
14	2	8
15	3	0
16	3	4
17	3	8
18	4	0
20	4	9
22	5	6
24	6	2
26	7	6
28	8	6
30	10	6

3½ Inch.

No.	s.	d.
14	5	10
15	6	6
16	7	2
17	8	0
18	9	0
20	10	8
22	12	4
24	13	8
26	15	6
28	17	6
30	22	0
32	30	0
36	40	0
40	50	0

8 Inch.

No.	s.	d.
20	25	0
22	27	6
24	30	0
26	38	0
28	45	0
30	50	0
32	60	0

1¾ Inch.

Per gross.

No.	s.	d.
7	1	10½
8	1	11
9	1	11½
10	2	0
11	2	2
12	2	4
13	2	8
14	3	0
15	3	4
16	3	8
17	4	0
18	4	5
20	5	2
22	5	11
24	6	8
26	8	0
28	10	0
30	12	0
32	15	0

4 Inch.

No.	s.	d.
16	8	1
17	9	0
18	9	10
20	11	6
22	13	0
24	14	4
26	16	6
28	18	6
30	24	0
32	32	0
36	42	0
40	56	0

Japanned Flat Heads one price higher.
Lath Screws charged 4d. extra per gross net.

JAPANNED ROUND HEAD WOOD SCREWS.

⅜ Inch.

No.	s.	d.
4	0	10
5	0	11
6	1	0

1¼ Inch.

No.	s.	d.
8	1	10
10	2	1
12	2	8
14	3	4

½ Inch.

No.	s.	d.
4	0	11
5	1	0
6	1	1
7	1	2
8	1	3

1½ Inch.

No.	s.	d.
10	2	4
12	3	0
14	3	8

⅝ Inch.

No.	s.	d.
6	1	1
7	1	2
8	1	3

2 Inch.

No.	s.	d.
10	3	0
12	3	8
14	4	5
16	5	6

¾ Inch.

No.	s.	d.
6	1	3
7	1	4
8	1	5
9	1	7
10	1	8

2½ Inch.

No.	s.	d.
12	4	5
14	5	2
16	7	0

1 Inch.

No.	s.	d.
8	1	8
9	1	9
10	1	11
12	2	4

3 Inch.

No.	s.	d.
14	7	2
16	9	8

All Round Head Screws are measured from under head.

BRASS WOOD SCREWS.

¼ ⅜ & ½ Inch.

Per gross.

No.	s.	d.
4	1	6
5	1	7
6	1	9
7	2	0
8	2	3
9	2	6
10	2	9
11	3	4
12	3	8

1½ Inch.

No.	s.	d.
6	4	0
7	4	4
8	4	8
9	5	2
10	5	9
11	6	4
12	7	0
13	7	9
14	8	7
15	9	6
16	10	6
17	11	9
18	13	0
20	15	10
22	19	1
24	22	8

2¾ Inch.

No.	s.	d.
12	13	0
13	13	9
14	14	5
15	15	9
16	17	2
17	18	10
18	20	6
20	24	2
22	28	3
24	32	8
26	38	0
28	45	0
30	52	0
32	60	0

5 Inch.

No.	s.	d.
16	34	6
18	37	0
20	40	6
22	47	0
24	55	0
26	60	0
28	72	0
30	86	0
32	100	0

6 Inch.

No.	s.	d.
20	60	0
22	65	0
24	70	0
26	80	0
28	96	0
30	120	0
32	150	0

⅝ Inch.

Per gross.

No.	s.	d.
4	1	8
5	1	10
6	2	0
7	2	3
8	2	5
9	2	8
10	3	0
11	3	4
12	3	8
13	4	6
14	5	9

1¾ Inch.

No.	s.	d.
7	5	3
8	5	6
9	5	11
10	6	7
11	7	3
12	8	0
13	8	10
14	9	9
15	10	9
16	11	10
17	13	2
18	14	6
20	17	6
22	20	11
24	24	8
26	30	0
28	36	0

3 Inch.

No.	s.	d.
12	14	6
13	15	0
14	15	7
15	17	0
16	18	6
17	20	3
18	22	0
20	25	10
22	30	1
24	34	8
26	40	0
28	50	0
30	60	0
32	70	0

¾ Inch.

Per gross.

No.	s.	d.
4	1	10
5	2	0
6	2	3
7	2	6
8	2	8
9	3	0
10	3	4
11	3	10
12	4	4
13	4	10
14	5	9
15	7	0
16	7	10

2 Inch

No.	s.	d.
8	6	3
9	6	9
10	7	5
11	8	2
12	9	0
13	9	11
14	10	11
15	12	0
16	13	2
17	14	7
18	16	0
20	19	2
22	22	9
24	26	8
26	32	0
28	38	0
30	44	0
32	50	0

3½ Inch.

No.	s.	d.
12	16	6
13	17	3
14	18	0
15	20	0
16	22	0
17	24	0
18	26	0
20	30	0
22	35	0
24	40	0
26	45	0
28	55	0
30	65	0
32	77	6

⅞ & 1 Inch.

Per gross.

No.	s.	d.
6	2	9
7	3	0
8	3	4
9	3	8
10	4	1
11	4	6
12	5	0
13	5	7
14	6	3
15	7	0
16	7	10
17	8	11
18	10	0
20	12	6

2¼ Inch.

No.	s.	d.
8	7	0
9	7	6
10	8	3
11	9	1
12	10	0
13	11	0
14	12	1
15	13	3
16	14	6
17	16	0
18	17	6
20	20	10
22	24	7
24	28	8
26	34	0
28	40	0
30	46	0
32	52	0

4 Inch.

No.	s.	d.
14	22	6
15	23	6
16	25	0
17	27	0
18	29	0
20	33	6
22	39	0
24	45	0
26	50	0
28	60	0
30	70	0
32	85	0

1¼ Inch.

Per gross.

No.	s.	d.
6	3	3
7	3	7
8	4	0
9	4	5
10	4	11
11	5	5
12	6	0
13	6	8
14	7	5
15	8	3
16	9	2
17	10	4
18	11	6
20	14	2
22	17	3

2½ Inch.

No.	s.	d.
10	10	0
11	10	6
12	11	0
13	12	1
14	13	3
15	14	6
16	15	10
17	17	5
18	19	0
20	22	6
22	26	5
24	30	8
26	36	0
28	44	0
30	48	0
32	54	0

4½ Inch.

No.	s.	d.
14	27	0
16	30	0
18	34	0
20	37	0
22	43	0
24	50	0
26	55	0
28	65	0
30	75	0
32	90	0

BRASS ROUND HEAD WOOD SCREWS.

¼ & ⅜ Inch.

No.	s.	d.
1	1	7
2	1	7
3	1	7
4	1	7
5	1	9
6	2	0

½ Inch.

No.	s.	d.
4	1	10
5	2	0
6	2	3

1 Inch.

No.	s.	d.
8	4	5
10	5	5
12	6	8

⅝ Inch.

No.	s.	d.
4	2	0
5	2	3
6	2	6
8	3	0

1¼ Inch.

No.	s.	d.
8	5	2
10	6	4
12	7	9

¾ Inch.

No.	s.	d.
6	3	0
8	3	8
10	4	6

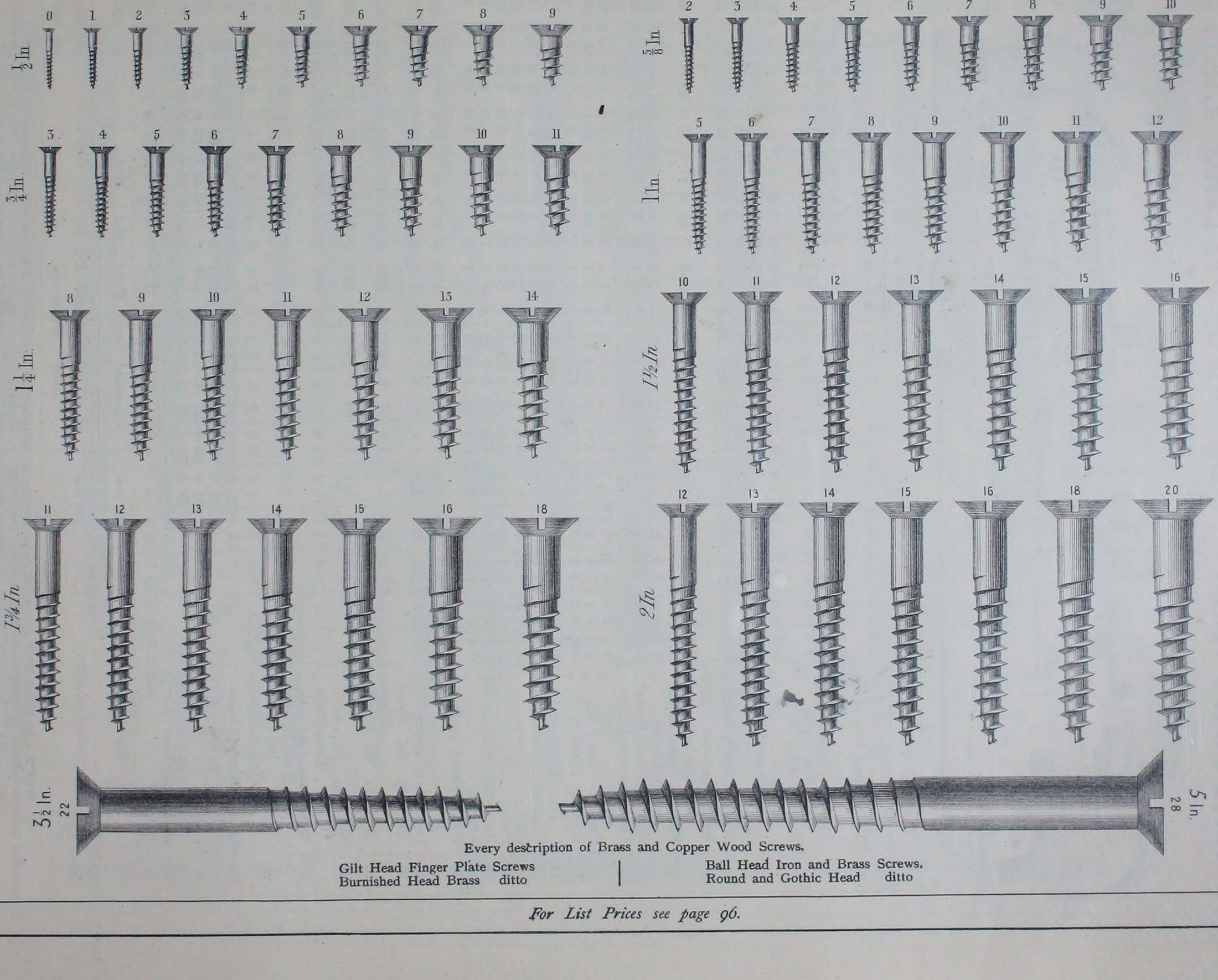
1½ Inch.

No.	s.	d.
10	7	3
12	8	9

Also kept in stock with Burnished, Lacquered, and Cross Nickel Heads
All Round Head Screws are measured from under head.

Discount on application. *If sent direct from Works, carriage paid on 2 cwt. and upwards.* *In Round Heads the list prices are only given of the sizes stocked.*

NETTLEFOLD'S PATENT POINTED WOOD SCREWS.



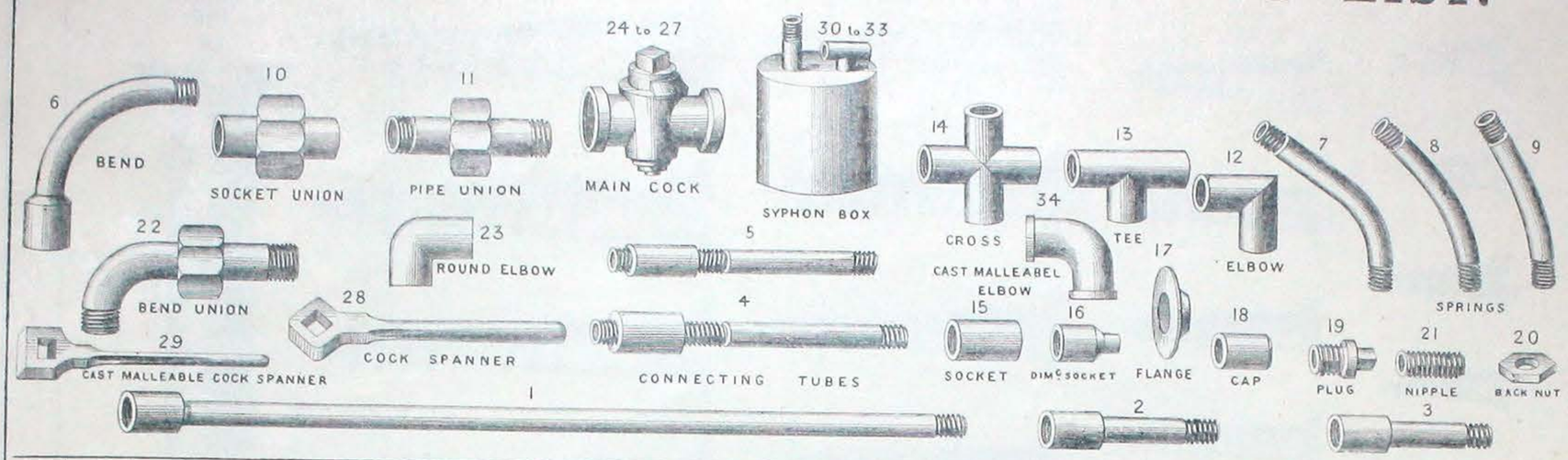
Every description of Brass and Copper Wood Screws.

Gilt Head Finger Plate Screws
Burnished Head Brass ditto

Ball Head Iron and Brass Screws.
Round and Gothic Head ditto

For List Prices see page 96.

WROUGHT-IRON TUBE AND FITTING LIST.



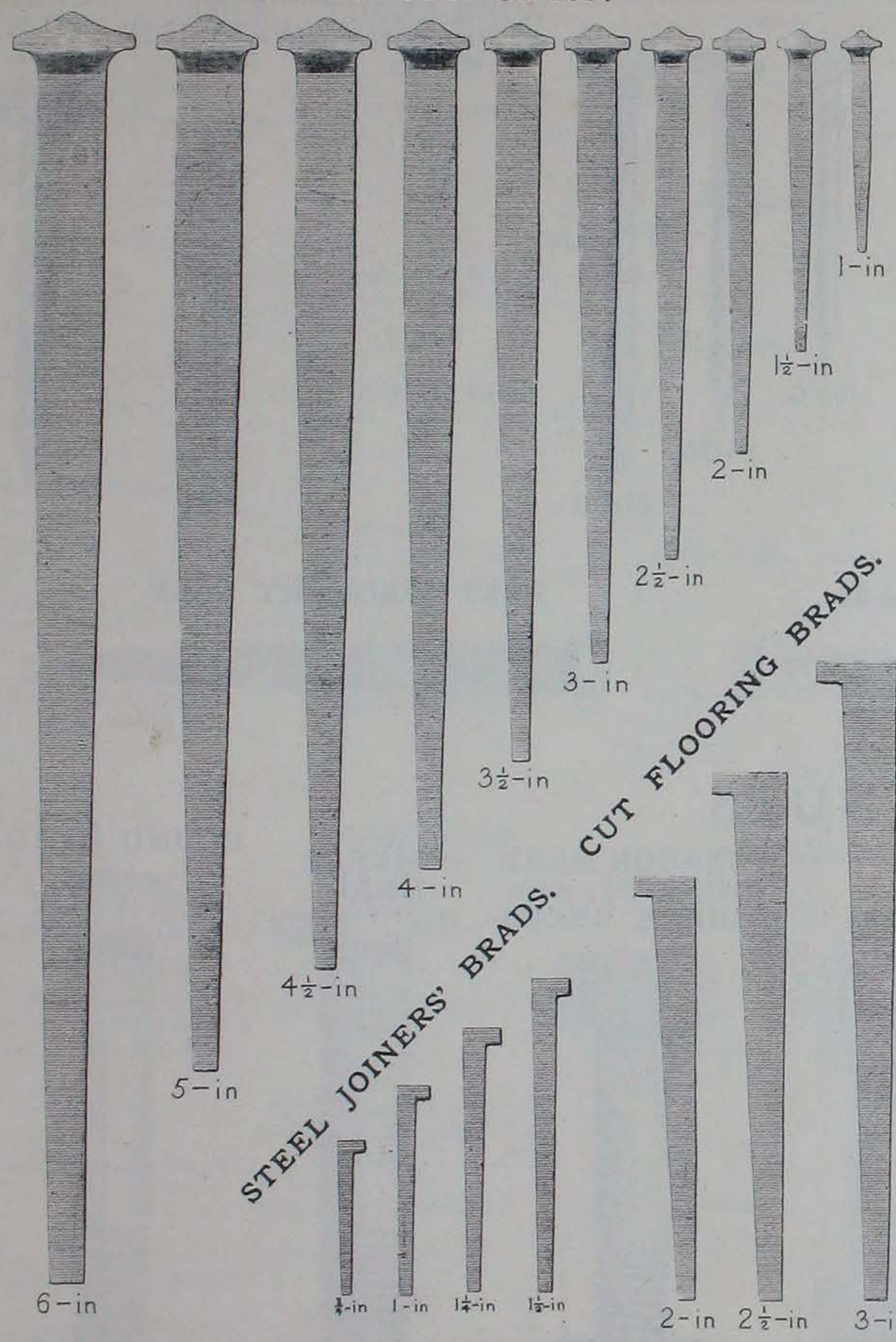
	Inside Diameter in ins.	⅛	¼	⅜	½	¾	1	1¼	1½	1¾	2	2¼	2½	2¾	3	3½	4
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1	Tubes, from 2 to 14 feet, per foot	0 3	0 3	0 3½	0 4½	0 6	0 8½	1 0	1 3	1 6	1 9	2 6	3 0	3 3	3 6	4 6	5 6
2	Pieces, 12 to 23½ ins. each	0 8	0 8	0 9	0 11	1 3	1 9	2 6	3 3	3 11	4 7	6 9	8 6	9 6	10 6	13 2	16 0
3	Do. 3 to 11½ ins. „	0 5	0 5	0 5½	0 7	0 10	1 1	1 6	2 0	2 5	2 10	4 3	5 6	6 3	7 0	9 1	11 0
4	Long Screws, 12 to 23½ ins. ... „	0 9	0 9	0 10	1 0	1 4	1 10	2 8	3 6	4 3	5 0	7 6	9 7	11 3	12 0	15 3	17 0
5	Do. 3 to 11½ ins. „	0 6	0 6	0 6½	0 8	0 10	1 2	1 8	2 3	2 9	3 3	5 0	6 4	7 6	8 3	10 9	12 3
6	Bends ... ... „	0 7	0 7	0 8	0 10	1 0	1 6	2 6	3 0	4 0	5 0	8 6	12 0	15 0	18 0	25 0	32 6
7,8,9	Springs, not Socketed „	0 5	0 5	0 6	0 7	0 9	1 1½	1 11½	2 3½	3 1	3 11	6 9	9 6	12 0	14 6	20 0	26 6
10,11	Socket or Pipe Unions, Wrought Iron each	2 0	2 0	2 6	3 0	4 0	5 6	6 9	8 0	9 0	10 0	15 0	17 6	20 0	22 6	27 0	35 0
12	Elbows, Square Equal or Diminished „	0 8½	0 8½	0 9	0 10	1 0	1 4	1 10	2 5	3 0	3 10	6 3	9 0	11 6	14 0	22 0	28 0
23	Elbows, Round Backed „	0 9½	0 9½	0 11	1 0	1 3	1 6	2 1	2 7	3 6	4 6	6 9	10 0	13 0	17 0	25 0	32 0
13	Tees, Equal or Diminished ... ... „	0 9	0 9	0 10	0 11	1 2	1 5	2 0	2 6	3 2	4 3	6 6	9 6	12 6	16 6	24 0	30 0
14	Crosses Do. do. „	1 4	1 4	1 6	1 11	2 4	3 0	4 0	4 10	6 0	7 9	14 0	21 4	28 0	40 0	56 0	66 8
15	Sockets, Plain „	0 2	0 2	0 2	0 3	0 3½	0 4½	0 6½	0 8½	0 11	1 1	1 9	2 6	3 0	3 6	5 0	6 0
16	Do. Diminished „	0 3	0 3	0 4	0 5	0 6	0 7	0 9	0 11	1 2	1 4	2 3	3 3	4 0	5 0	7 0	9 0
17	Flanges ... ... „	0 9	0 9	0 10	1 0	1 2	1 4	1 9	2 0	2 3	2 9	4 0	5 0	6 9	8 6	10 0	11 6
18	Caps ... ... „	0 3½	0 3½	0 3½	0 5	0 6	0 8	1 0	1 3	1 7	2 0	3 0	4 4	5 3	6 0	9 9	10 6
19	Plugs ... ... „	0 3	0 3	0 3	0 4	0 5	0 6	0 8	0 10	1 0	1 3	2 0	2 6	3 6	4 9	7 0	10 0
20	Backnuts ... „	0 2	0 2	0 2	0 3	0 3½	0 5	0 6	0 8	0 10	1 1	1 9	2 3	3 0	3 6	4 6	5 6
21	Nipples ... ... „	0 2	0 2	0 2	0 3	0 3½	0 4	0 6	0 8	0 10	1 0	1 9	2 3	3 0	3 6	4 6	5 6
22	Union Bends or Elbows ... ... „	2 6	2 6	3 0	3 9	5 0	6 3	8 6	10 0	11 6	13 6	21 0	27 0	32 0	37 0	49 0	58 0
24	Iron Main Cocks „	2 3	2 3	2 9	3 6	4 6	6 6	8 6	11 0	14 0	18 0	27 0	40 0	50 0	60 0	85 0	110 0
25	Do. do. do. Brass Plugs „	...	...	7 0	8 9	11 6	16 0	21 6	28 0	35 0	45 0	68 0	100 0	112 0	125 0	212 0	250 0
26	Do. do. do. Roundway „	...	...	3 6	4 0	5 6	7 6	10 0	13 0	17 6	22 0	38 0	60 0	65 0	75 0	120 0	160 0
27	Do. do. do. do. Brass Plugs „	...	...	10 6	12 0	16 6	22 6	30 0	39 0	52 6	66 0	114 0	180 0	195 0	225 0	360 0	480 0
28	Spanners, for Cocks, Wrought Iron „	...	...	1 6	1 8	2 2	2 8	3 2	3 6	4 0	4 3	4 9	6 0	7 6	9 0	12 0	14 0
29	Do. for Cocks, Mallble. Ct. Iron „	...	...	1 0	1 4	1 8	2 0	2 4	3 0	3 6	4 0	4 9	6 0	7 6	9 0	12 0	14 0
30	Syphon Boxes, 1 quart „	...	...	...	22 9	23 0	23 4	24 0	24 6	25 2	26 3	28 6	...	...	...	...	...
31	Do. do. 2 „ „	...	...	...	...	27 0	27 4	28 0	28 6	29 2	30 3	32 6	35 6	38 6	42 6	...	...
32	Do. do 3 „ „	...	...	...	...	32 0	32 4	33 0	33 6	34 2	35 3	37 6	40 6	43 6	47 6	55 6	61 6
33	Do. do. 4 „ „	...	...	...	...	38 0	38 4	39 0	39 6	40 2	41 3	43 6	46 6	49 6	53 6	61 6	67 6
34	Malleable Cast Round Elbow ... each	0 6½	0 6½	0 7	0 8	0 10	1 2	1 9	2 3	3 0	3 6	5 6	9 0	12 0	15 0	30 0	40 0

DISCOUNTS		
	Black Gas per cent.	*Galvanized Tested Water Tubes* per cent.
	Galvanized ditto per cent.	*Steam Tubes, Painted Red* per cent.
		Ditto Galvanized per cent.

NOTE.—DISCOUNTS quoted at present price of Materials and subject to alteration without notice.
Diminished Sockets reduced by more than 1-inch, and Bull-headed and Bottle-headed Tees are charged at the list price of the next larger sizes.
All Tubes of exact lengths and all lengths from 2-ft. to 6-ft. will be charged 2½% less gross discount.
If sent from Bristol Stock 2½% less gross discount, and sent carriage forward.
Carriage paid to any Railway Station on Orders amounting to 50/- net and upwards sent direct from works.

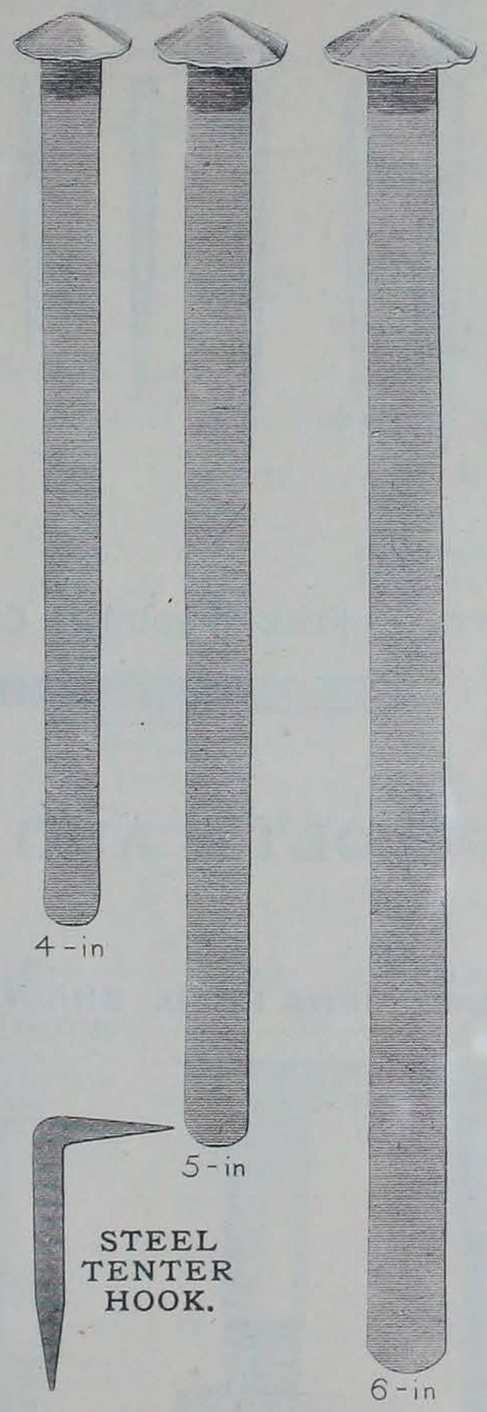
NAILS.

STEEL CUT CLASP.



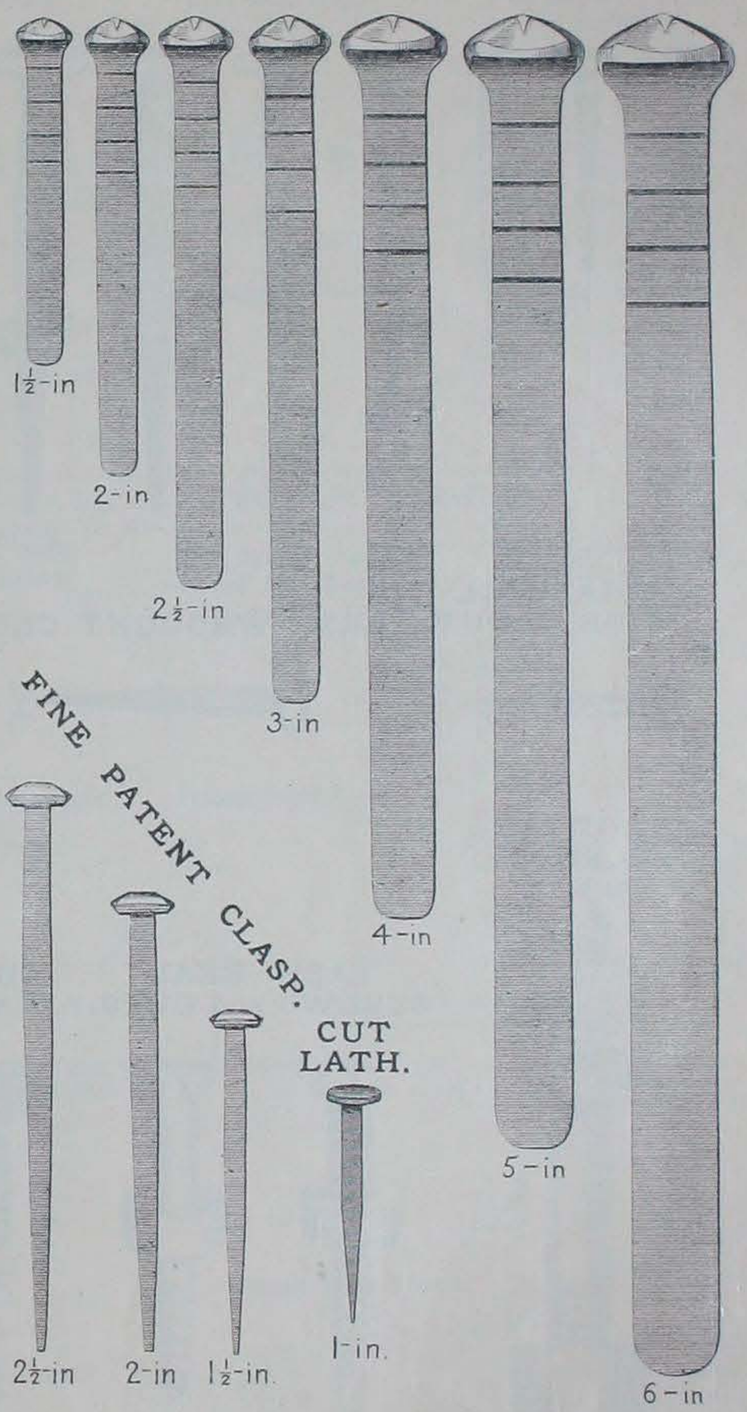
STEEL JOINERS' BRADS. CUT FLOORING BRADS.

FINE WROUGHT SPIKES.



STEEL TENTER HOOK.

STRONG PATENT ROSE.



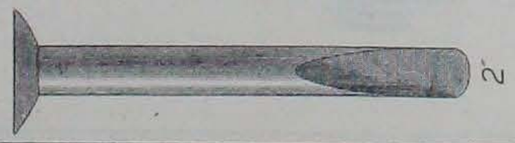
FINE PATENT CLASP.

CUT LATH.

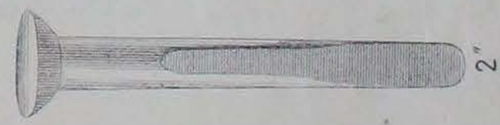
WIRE NAIL.



WIRE COUNTERSUNK CLOUT.



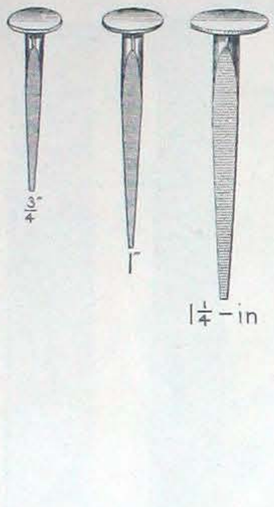
HAND-MADE COUNTERSUNK CLOUT.



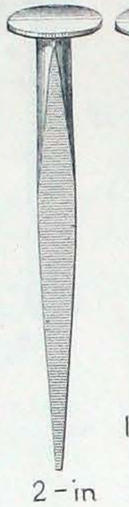
Patent Rose and Patent Clasp are also supplied in Steel. *The Drawings only partly represent our Stock of Nails.*

NAILS.

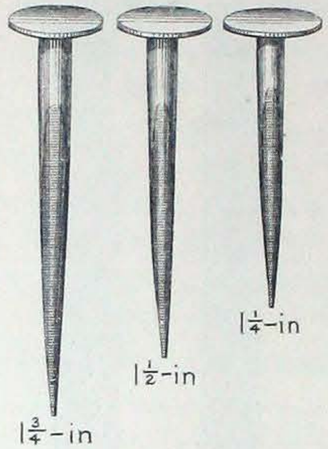
ZINC SLATE.



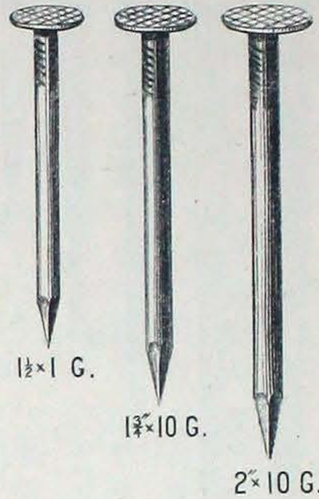
COPPER SLATE.



MALLEABLE SLATE.



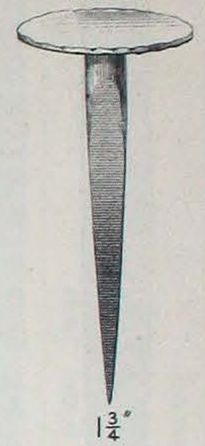
WIRE SLATE.



BRIGHT WIRE CLOUT or FELTING NAIL.



BEST FINE WESTERN RAG.



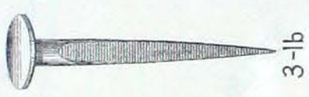
CAST TILE PEG.



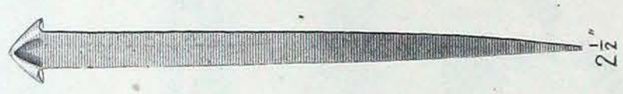
CHARCOAL WIRE CLOUT.



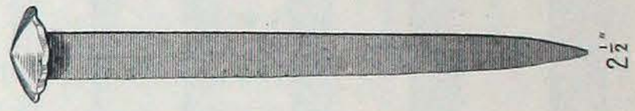
BEST WROUGHT CLOUT.



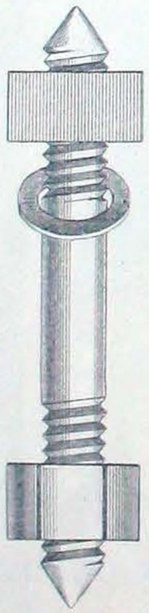
FINE WROUGHT CLASP.



BEST WROUGHT ROSE.



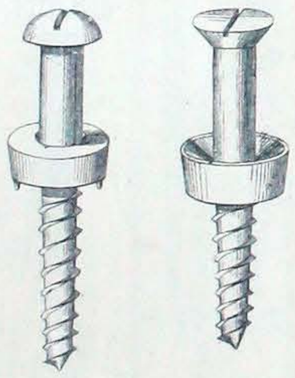
HANDRAIL SCREW.



4, 4½, 5, 5½, x $\frac{6}{16}$, 6 x $\frac{8}{8}$-in.

BOLTS AND NUTS.

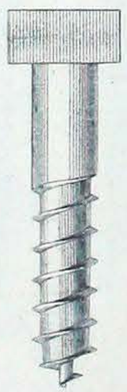
SASH BEAD SCREWS and CUPS.



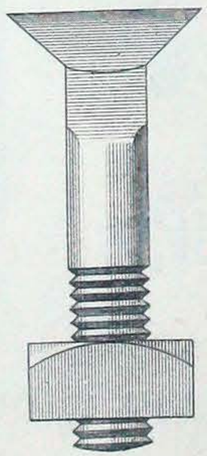
Round Head. 12 G.

Csk. Head. 6, 8, 10, 12 G.

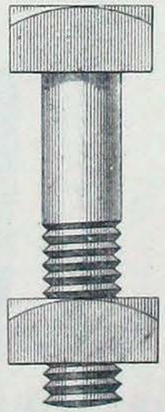
COACH SCREW.



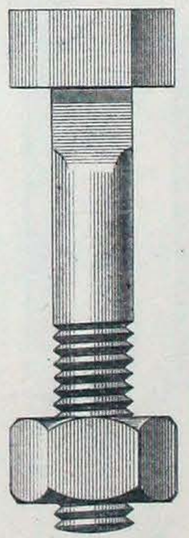
Cr. SUNK HEAD.



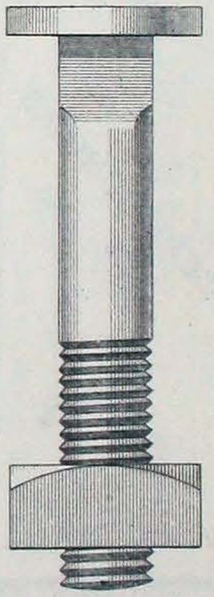
Sq. HD. ENGINEERS, with ROUND NECKS.



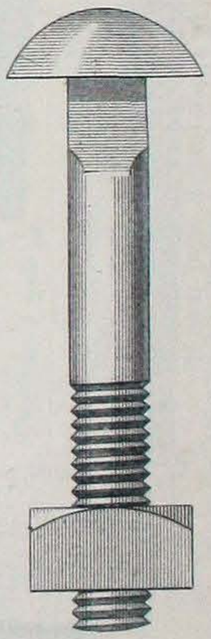
HEXAGON HEAD AND NUT, with SQUARE NECKS.



CHEESE HEAD.



ROUND HEAD.



The varieties described represent in many cases but a small selection from those in Stock. Further details and prices will be sent on receipt of requirements.

IRON, COPPER AND ZINC NAILS AND TACKS.

CUT STEEL NAILS.

Fine Clasp or Box Clout.

Length.	Per cwt.
3 in. to 6 in.	
1 1¼ 1½ 1¾ in.	Per cwt. extra.
5/6 3/6 2/- 1/6	
2 2¼ 2½ 7 in.	
1/- 1/- 6d. 6d.	

Half-ton lots and upwards, 3d. per cwt. less.

Sheet Brads.

Length.	Per cwt.
2½ in.	
2¾ ,,	
3 ,,	
3½ ,,	

2 in. 6d., 2¼ in. 3d. cwt. extra.

Lath.

1 in. per cwt.

⅞ in. 1/- per cwt. extra.

Malleable Slating Nails.

Length.	Per cwt.
1½ in.	
1¾ ,,	
2 ,,	

Galvanized

SLATING NAILS.

Wire Slating Nails.

Length.	Gauge.	Per cwt.
1½, 1¾ & 2 in.	10	

Galvanized

Zinc Slating Nails.

Length.	Per cwt.
1¼ in.	
1½ ,,	
1¾ ,,	
2 ,,	

¾ *in.* , 1 *in.* per lb.

Cast Wall Nails.

Length.	Per cwt.
1¼ in.	
1½ ,,	
1¾ ,,	

Cast Tile Pegs.

Length.	Per cwt.
1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	

Galvanized

Cast Garden Loops.

2 in. per cwt.

Galvanized

BEST WROUGHT NAILS, &c.

Fine Clasp.

Length.	Per cwt
1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
2½ ,,	
3 ,,	

Best Rose.

Length.	Per cwt.
2 in.	
2½ ,,	
3 ,,	
3½ ,,	

Fine Spikes.

Length.	Per cwt.
4 in.	
5 ,,	
6 ,,	
7 ,,	
8 ,,	
9 ,,	
10 ,,	

Cellar Hobs. Per cwt.

20 lb.
28 ,,

Best Fine Western Rag.

Length.	Per cwt.
1¾ in.	
2 ,,	

Best Fine Gate Nails.

Length.	Per cwt.
2½ in.	
3 ,,	
3½ ,,	

Best Round Head Clout.

Length.	Per lb.
⅞ in.	

Counter-sunk Clout.
(Best Iron.)

Length.	Per cwt.
¾ in.	
1 ,,	
1¼ ,,	
1½ ,,	
1¾ ,,	
2 ,,	
2½ ,,	
3 ,,	

Patent Steel Tenter Hooks.

Length.	Per lb.
1½ in.	

Galvanized

Rose Head Pipe Nails.

Length.	Per cwt.
3 and 3½ in.	

Galvanized

Raised Head Pipe Nails or Tram Spikes.

Length.	Per cwt.
3 in. × 5/16 in.	
3½ ,, ,,	
4 ,, ,,	

BEST FINE WROUGHT NAILS. Per Packet.

Best Fine Clasp.

16 oz.	⅞ in.
1½ lb.	1 ,,
3 ,,	1½ ,,
5 ,,	2 ,,
7 ,,	2⅜ ,,

Best Flemish Tacks.

8 oz.	⅜ in.
10 ,,	7/16 ,,
14 ,,	9/16 ,,
16 ,,	⅝ ,,

Coopers' Flats.

12 oz.	⅝ in.
16 ,,	¾ ,,
1¼ lb.	⅞ ,,
2 ,,	1 ,,
3 ,,	1¼ ,,
4 ,,	1½ ,,
5 ,,	1¾ ,,

Fine Joiners' Brads or Batten.

6 oz.	⅝ in.
8 ,,	¾ ,,
14 ,,	1 ,,
1¼ lb.	1¼ ,,
2 ,,	1½ ,,

Best Fine Clog.

1¼ lb.	⅞ in.

Best Clout.

1¼ lb.	11/16 in.
1½ ,,	¾ ,,
2 ,,	⅞ ,,
2½ ,,	1 ,,
3 ,,	1⅛ ,,
4 ,,	1¼ ,,

PATENT WROUGHT NAILS.

Strong Patent Rose. (Cordes' Best Brand.)

Length.	Per Cwt.	Length.	Per Cwt.
1½ in.		3½ in.	
1¾ ,,		4 ,,	
2 ,,		4½ ,,	
2¼ ,,		5 ,,	
2½ ,,		6 ,,	
3 ,,			

Best Patent Rose (Sharp Points). (Cordes' Best Brand.) Per cwt.

2 in.
2½ ,,
3 ,,

Fine Patent Clasp. (Cordes' Best Brand.) Per cwt.

1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
2½ ,,	

Patent Steel Clasp. Per cwt

1½ in.	
1¾ ,,	
2 ,,	
2¼ ,,	
2½ ,,	

Strong Steel Rose, Flat Points. Per cwt.

1½ in.	
2 ,,	
2¼ ,,	
2½ ,,	
3 ,,	
3½ ,,	
4 ,,	
4½ ,,	
5 ,,	
6 ,,	

Patent Steel Gate Nails, Sharp Points and Large Heads. Per cwt.

2½ in.	
3 ,,	

COPPER NAILS. Per lb. 14 *lbs. and up* 1d. *per lb. less.*

Copper Boat Nails. Rose Heads.

¾ in.	16 gauge
⅞ ,,	15 ,,
1 ,,	14 ,,
1¼ ,,	13 ,,
1½ ,,	12 ,,
1¾ ,,	12 ,,
2 ,,	12 ,,
2½ ,,	11 ,,

Round Copper Roves.

¼ in.	
5/16 ,,	
⅜ ,,	

Wrought Copper Tacks.

¾ in.	
1 ,,	

Cut Copper Tacks.

⅜ in.	
½ ,,	
⅝ ,,	
¾ ,,	
⅞ ,,	
1 ,,	

Copper Slate Nails.

1½, 1¾ & 2 in.
If in 1 cwt. lots.

Copper Rivets or Washers.

⅜ in. × 8 G. & larger

Stock Sizes are:

⅜ in. × 8 gauge
½ ,, × 6 & 8 gauge
⅝ ,, × 6 & 8 ,,
¾ ,, × 6 & 8 ,,
1 ,, × 6 gauge.

TACKS, BRADS, &c. *If in* 10 *m. Packets,* 10 *per cent. less.*

Fine Cut Tacks.

	Blued.	Tinned.
¼ in.	℔ m.	℔ m.
⅜	...	
½	...	
⅝	...	
¾	..	

Fine Cut Tacks. Black.

⅜ in.	Per cwt.
½ ,,	
⅝ ,,	
¾ ,,	

Cut Tacks in 1d. Boxes.
½ inch.

Per gross.	Per dozen.
Blued	
Tinned	

Improved Extra Strong Cut Tacks.

	Blued.	Tinned.
½ in.	℔ m.	℔ m.
⅝	...	

Extra Strong Carpet Tacks. Per cwt.

⅝ in.

Extra Strong Patent Steel Reliable Carpet Tacks.

⅝ in. Per cwt.

Fine Steel Cut Joiners' Brads.

Length.	Per cwt.
½ in.	
¾ ,,	
1 ,,	
1¼ ,,	
1½ ,,	
2 ,,	

Cut Bills for Picture Frame work. Per cwt.

⅝ in. × 17 G.

Patent Steel Reliable Tacks.

	Blued.	Tinned.
¼ in.	℔ lb.	℔ lb.
⅜	...	
½	...	
⅝	...	
¾	...	

Patent Wire Tacks.

Length.	Blued. Per m.	Tinned. Per m.
⅜ in.		
½ ,,		
⅝ ,,		

Wire Gimp Pins (19 Gauge).

	Coloured Black.	or Tinned. Brass.
⅜ in.		
½ ,,		
⅝ ,,		

Cut Gimp Pins. Black.

⅜ in.	Per lb.
½ ,,	

Coach Pins.
Japanned. Per lb.

⅜ in. / ½ ,, / ⅝ ,, / ¾ ,,

Coffin Pins.

Black.	White.
⅜ in.	Per lb.

Bright Panel Pins. Per lb.

⅝, ¾, ⅞ × 17 G.
1, 1¼ × 16 G.
1½ × 15 G.
Brass, ¾, ⅞ in. × 17 G.

Brass Escutcheon Pins.

⅜, ½, ⅝, ¾, ⅞, 1, 1¼ in. Per lb.

WIRE NAILS. *Half-Ton Lots and upwards,* 5 *per cent. less.*

Best Wire Nails.
Chequered Csk. Heads.

Length.	Gauge.	Per cwt.
¾ in.	18	
¾ & 1 in.	15	
1 ,,	14	
1¼, 1½ & 1¾ in.	13	
1½, 1¾ & 2 in.	12	
2 & 2¼ ,,	11	
2, 2½ & 3 in.	10	
3, 3½ & 4 in.	8	
4 & 5 ,,	6	
6 ,,	5	

Patent Strong Wire Counter-sunk Clout.

Length.	Gauge.	Per cwt.
¾ in.	9	
1 ,,	8	
1¼ ,,	7	
1½ ,,	6	
1¾ ,,	5	
2 ,,	5	
2¼ ,,	4	
2½ ,,	3	
3 ,,	2	

Bright Wire Clout.

Length.	Gauge.	Per cwt.
1 in.	11	

Galvanized do.

Blued Wire Clout.

Length.	Gauge.	Per cwt.
¾ in.	14	
¾ ,,	12	
1 ,,	14	
1 ,,	12	
1¼ ,,	11	

Bright Wire Joiners' Brads.

Length.	Gauge.	Per cwt.	Per lb.
½ in.	19		
⅝ & ¾ in.	18		
1 in.	17		
1¼ ,,	16		
1½ & 1¾ in.	15		
2 in.	14		
2½ ,,	14		

Bright Oval Wire Brads. Per cwt.

¾ in.	
1 ,,	
1¼ ,,	
1½ ,,	
1¾ ,,	
2 ,,	
2½ ,,	
3 ,,	
4 & 5 in.	

Wire Lath Nails.

Length.	Gauge.	Per cwt.
1 in.	14	

Galvanized Wire Felt Nails. Per cwt.

¾ in. × 12 Gauge

½ cwts. 1/-, ¼ cwts. 2/- per cwt. extra. 14 lbs. as 12 lbs.; 7 lbs. as 6 lbs.

BOLTS AND NUTS.

STEEL MUSHROOM HEAD BOLTS AND NUTS, SQUARE NECKS AND NUTS.

	1	1¼	1½	1¾	2	2¼	2½	3	3½	4	4½	5	5½	6	7	8	9	10	12 inch.
¼ inch																			gross.
5/16 "																			"
3/8 "																			"
7/16 "																			"
½ "																			"
5/8 "																			"
¾ "																			"

BEST BRIGHT COACH BOLTS AND NUTS, CHEESE HEAD OR COUNTERSUNK FOR WOOD.

	1½	2	2½	3	3½	4	4½	5	6	inch.
¼ inch				gross.						cwt.
5/16 "				"						"

	1½	2	2½	3	3½	4	4½	5	6	inch.
⅜ inch				gross.						cwt.
½ "										"

ENGINEERS' BOLTS AND NUTS, SQUARE HEADS AND NUTS, ROUND NECKS.

	1	1¼	1½	2	2½	3	inch.	3½	4	4½	5	6	7	8	9	10	12	14	15	16	18	20	21	24	inch.
¼ inch							per gross.																		per cwt.
5/16 "							"																		"
3/8 "							"																		"
7/16 "							"																		"
½ "																									"
9/16 "																									"
⅝ "																									"
¾ "																									"
⅞ "																									"
1 "																									"

ENGINEERS' BOLTS AND NUTS, HEXAGON HEADS AND NUTS, ROUND NECKS.

Length.	1	1½	2	2½	3	3½	4	5	6	inch.
¼ inch.					per gross.					
5/16 "					"					
3/8 "					"					
7/16 "										per cwt.
½ "										"
9/16 "										"
⅝ "										"
¾ "										"
⅞ "										"

COACH SCREWS.

	1½	2	2½	3	3½	4	5	6	7	8	9	inch.
¼ inch.				per gross.								
5/16 "				"								
3/8 "				"								per cwt.
7/16 "				"								"
½ "												"
9/16 "												"
⅝ "												"
¾ "												"
⅞ "												"

BOLT ENDS, WITH SQUARE NUTS.

½	⅝	¾	⅞	1	1⅛	1¼	inch.
							per cwt.

BOLT ENDS, WITH HEXAGON NUTS.

1½ inch, per cwt.

NUTS.

Machine made, tapped—	3/16	¼	5/16	⅜	7/16	½	⅝	¾	⅞	1	1⅛	1¼	inch.
Square					gross.								cwt.
Hexagon					"								"
Hand made, untapped—													
Square					"								"
Hexagon					"								"

RIVETS.

MACHINE MADE, SNAP HEADS—

	½	⅝	¾	1	1¼	1½	1¾	2	2¼	2½	3	inch.
3/16 inch.												per cwt.
¼ "												"
5/16 "												"
⅜ "												"
½ "												"
⅝ "												"
¾ "												"
⅞ "												"

Pan Heads, 1½×⅝ in. ... ... per cwt.
Bright snap heads, ⅛×⅜ in. ... ... per lb.
" " " 3/16 or 6G×½ and ¾ in. ... ... "
Patten, ¾ and 1 in. long ... ... per lb.
Tyre, 3, 3¼ and 3½ in. long ... ... "
Tyre Burrs ... .. No. 12, ; No. 14, ; No. 16, per gross.

Rivetting Burrs ...	¾×3/16	⅞×¼	1×5/16	1⅛×⅜	inch.
					per gross.

Machine made Coopers' Rivets—

Weight.	Length.		per lb.
1 lb.	¼ inch.		
1½ "	5/16 "		
2 "	⅜ "	bare	
3 "	⅜ "	full	
5 "	7/16 "		
7 "	½ "		
10 "	½ "	full	
12 "	9/16 "		
16 "	⅝ "		

Tinman's Rivets—

		Per Packet.	
No.	Weight.	Black.	Tinned.
6	14 oz.		
8	1¼ lb.		
10	2 "		
12	3 "		
14	5 "		
16	7 "		

ROUND WASHERS—

3/16	¼	5/16	⅜	7/16	½	9/16	⅝	11/16	¾	inch.
										per gross.

12 gross and upwards of a size 10 per cent. less.

Weighty Washers, stock sizes 7/16 to 1¼ in. ... ... per cwt.
Square " 3×3×¼ for ⅝, ¾, ⅞ and 1 in. bolts ... ... "

SET SCREWS, WHITWORTH THREAD.

Bright, square Heads—	¼	5/16	⅜	7/16	½	⅝	inch.
⅝ inch.							per gross.
¾ "							"
1 "							"
1¼ "							"
1½ "							"
2 "							"
Black, square heads— 1½ "							per lb.
2 "							"
Bright, hexagon heads— ¾ "							per gross.
1 "							"
1¼ "							"
1½ "							"
2 "							"

BALL HEAD BOLTS AND NUTS.

	1	1¼	1½	2	inch.
3/16 inch.					per gross.
¼ "					"
⅜ "					"

TEE HEAD BELT BOLTS, AND SQUARE NUTS, WITH WASHERS.

1×¼	1¼×5/16	1½×⅜	inch.
			per dozen.

HANDRAIL SCREWS, WITH TWO NUTS.

	4	4½	5	5½	6	8	inch.
5/16 inch.							per dozen.
⅜ "							"
½ "							"

TAPPED WING NUTS.

¼	5/16	⅜	7/16	½	inch.
					per dozen.

MACHINE MADE CUPS FOR COUNTERSUNK SCREWS.

Nos. 4	5	6	8	10	12	14
						per gross.

2 cwt. and up when sent direct from Works carriage paid to principal Railway Stations by special arrangement.
Where price is given per cwt. it is for full bags of 1 cwt.; ½ cwts. 1/-, ¼ cwts. 2/- per cwt. extra.

BAR AND SHEET IRON, STEEL, CHAINS, &c.

BAR IRON.

Bars, ½ in. to 3 in. round and square, and flats per cwt.
G.B. In ½-ton lots, 3d. per cwt. less.

Best Staffordshire, BBH Brand ... per cwt.

Extras—per cwt.
Small Rounds and Squares, $\frac{7}{16}$ in. 6d.; ⅜ in. 1/-; $\frac{5}{16}$ in. 1/6; ¼ in. 2/-; $\frac{3}{16}$ in. 4/-.
Half-rounds above 1 in. 6d. extra to Flats; 1 in. × ⅜ in. 1/-; ⅞ in. and ¾ in. × $\frac{5}{16}$ in. 2/-; ⅝ in. × ¼ in. 3/-; ½ in. × $\frac{3}{16}$ in. 4/-.
Small Flats—

All $\frac{3}{16}$ in. (over 1 in. wide) 6d.	¾ in. × ⅜ in. 6d.;	⅝ in. × ⅜ in. 1/-
1 in. × $\frac{5}{16}$ in. 1/-;	¾ in. × $\frac{5}{16}$ in. 1/6;	1 in. × ¼ in. 1/-
⅞ in. × ¼ in. 1/6;	¾ in. × ⅜ in. 2/-;	⅝ in. × ½ in. 2/6
½ in. × ½ in. 3/-;	1 in. × $\frac{3}{16}$ in. 1/6;	⅞ in. × $\frac{3}{16}$ in. 2/-
¾ in. × $\frac{3}{16}$ in. 2/6;	⅝ in. × $\frac{3}{16}$ in. 3/6;	½ in. × $\frac{3}{16}$ in. 4/-
⅝ in. × ⅛ in. 4/-;	½ in. × ⅛ in. 4/6;	⅜ in. × ⅛ in. 5/-

ANGLE IRON.

1½ in. × 1½ in. × ¼ in. and thicker, to 8 united inches per cwt.
Extras—per cwt. 1¼ in. × 1¼ in. × $\frac{3}{16}$ in. 1/-; 1 in. × 1 in. × $\frac{3}{16}$ in. 2/-; ⅞ in. × ⅞ in. × ⅛ in. 3/-; ⅝ in. × ⅝ in. × ⅛ in. 4/-; ½ in. × ½ in. × ⅛ in. 6/-;

STOCK SIZES.

In Bars about 16 ft. long—
½ in. × ½ in. × ⅛ in. ⅝ in. × ⅝ in. × ⅛ in. ¾ in. × ¾ in. × ⅛ in.
1 in. × 1 in. × $\frac{3}{16}$ in. 1¼ in. × 1¼ in. × $\frac{3}{16}$ in. 1½ in. × 1½ in. × ¼ in.
In Bars about 30 ft. long—
2 in. × 2 in. × ¼ in. 2½ in. × 2½ in. × ⅜ in. 3 in. × 1½ in. × $\frac{5}{16}$ in.
2 in. × 2 in. × $\frac{5}{16}$ in. 4 in. × 4 in. × ½ in. 3 in. × 3 in. × ⅜ in.
3½ in. × 3½ in. × ⅜ in.

TEE IRON.

1½ in. × 1½ in. × ¼ in. and thicker, to 8 united inches per cwt.
Extras—per cwt. 1¼ in. × 1¼ in. × $\frac{3}{16}$ in. 1/-; 1 in. × 1 in. × $\frac{3}{16}$ in. 2/-; ¾ in. × ¾ in. × ⅛ in. 3/-; ⅝ in. × ⅝ in. × ⅛ in. 4/-;

STOCK SIZES.

In Bars about 16 ft. long—
⅝ in. × ⅝ in. × ⅛ in. ¾ in. × ¾ in. × ⅛ in. 1 in. × 1 in. × $\frac{3}{16}$ in.
1¼ in. × 1¼ in. × $\frac{3}{16}$ in. 1½ in. × 1½ in. × ¼ in.
In Bars about 30 ft. long—
2 in. × 2 in. × ¼ in. 2½ in. × 2½ in. × ⅜ in. 3 in. × 3 in. × ⅜ in.
4 in. × 3 in. × ⅜ in. 3½ in. × 3½ in. × ⅜ in. 4 in. × 4 in. × ½ in.

HOOP IRON.

Best Coopers', 1 in. to 6 in. ... ... per cwt.
Extras—per cwt. ... ... 7 in. 1/-; ⅞ in. 1/-; ¾ in. 2/-; ⅝ in. 4/-; ½ in. 7/-
Builders', for tonguing, ⅞ in. × 18 gauge, 364 feet per bundle of 56 lbs. ... ... per cwt.
Ditto, 1½ in × 16 gauge ,,
In ½-ton lots, 6d. per cwt. less.
Galvanized, 1 in. to 1½ in. ... ... per cwt.
Extras—per cwt. ⅞ in. 1/-; ¾ in. 2/-.

Approximate length of Hoops per 56 lb. bundle—

Width	½	⅝	¾	⅞	1	1⅛	1¼ inch.
Gauge	20	20	20	19	18	18	17
Feet	700	670	525	480	320	300	220
Width	1⅜	1½	1¾	2	2¼	2½	3 inch.
Gauge	16	16	16	14	13	12	12
Feet	185	170	150	100	90	70	50

Galvanized, 5 per cent. less.

SHEETS.

72 inch × 24 inch.
Mild Steel, to 20 gauge ... per cwt.
22 and 24 gauge, 1/- extra.

SHEETS—*Continued.*

Best Steel Sheets, cold rolled and close annealed, to 20 gauge ... per cwt.
22 and 24 gauge, 1/6 extra.
B. Charcoal, Iron, 20 gauge .. .. per cwt.
22 and 24 gauge, 1/6 extra.
Galvanized Sheet Iron, 22 and 24 gauge per cwt.
B.B.B. Galvanized, for working up, 20 gauge per cwt.
22 and 24 gauge, 1/- extra.
24 gauge also kept in stock, 30 in. and 36 in. wide.

STEEL PLATES.

STOCK SIZES. Per cwt.

	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft.	ft. in.	ft. in.
⅛ in. thick	6 0	× 2 0	6 0	× 2 6	6 0	× 3	6 6	× 2 6
	6 6	× 3 0	6 6	× 3 6	7 0	× 3		
¼ in. thick	6 0	× 2 0	6 6	× 1 9	6 6	× 2	6 6	× 2 6
	6 6	× 3 0	7 0	× 2 6	7 0	× 3	7 0	× 4 0
	8 0	× 3 6	8 0	× 4 0	10 0	× 4	12 0	× 4 0
	12 6	× 4 6						
⅜ in. thick	6 0	× 2 0	6 6	× 2 6	7 0	× 3		
½ in. thick	6 0	× 2 0	6 0	× 2 6	6 0	× 3	6 6	× 2 0
	6 6	× 2 6	7 0	× 2 6	7 0	× 3		
⅝ in. thick	6 0	× 2 0	6 0	× 2 6	6 0	× 3	6 6	× 2 6
	7 0	× 2 6	7 0	× 3 0				

HORSESHOE IRON.

Single Fullered ⅞ in. and up ... per cwt.
Double Fullered or Concave ,, ... ,,
⅝ in. 2/-; ¾ in. 1/- per cwt. extra.

HORSE SHOES.

Fullered Fore 4½ inch and upwards, per cwt.

EXTRAS	Under 4-in. wide or any size if made of ⅝-in. iron.	Under 4½-in. wide or any size if made of ¾-in. iron.	4½-in. wide and upwards.	
Fore—Fullered ...	3/-	1/-	—per cwt. over basis	
Stamped ..	—	1/6	6d. ,,	,,
Concave ...	3/-	1/-	— ,,	,,
Hind—Fullered ...	7/6	4/6	3/- ,,	,,
Stamped ...	7/-	4/-	2/6 ,,	,,
Concave ...	9/-	6/-	4/6 ,,	,,

CHARLIER STEEL ... . per cwt.
⅜ × ¼ in. $\frac{7}{16} \times \frac{5}{16}$ in. ½ × ⅜ in. ⅝ × $\frac{7}{16}$ in. ¾ × ½ in.

SASH IRON, half or full, 1, 1¼, 1½, 1¾ & 2 in. per cwt.
Ditto, round topped, 1 × $\frac{9}{16}$ × ⅛ in. ... ,,

MOULDED IRON, 1 and 1¼ in. ... ,,
A variety of sections of Moulded Sash Irons, L Irons, and Z Irons. *Prices on application.*

SHEET LEAD, in Sheets or Half-sheets .. ... per cwt.
3 and 3½ lb. 1/- per cwt. extra If cut, 1/- per cwt. extra.

LEAD PIPE in Coils ... per cwt.

COMPO PIPE ,, ... ,,
Cutting Pipe to length, 1/- per cwt. extra.

LEAD SASH WEIGHTS ... ... per cwt.

SHEET ZINC, V.M.
9 to 14 gauge, 8 ft. × 3 ft. sheets per cwt.
6 gauge .. .. ,,
In 10 cwt. casks, 6d. per cwt. less.

Approximate weight per sheet...	No. 6	9	10	11	12	14
	10	15½	17¼	20	23	28 lbs.

For Perforated Zinc, see page 86.

BLOCK TIN in Ingots ... ... per lb.
,, ,, cut ... ... ,,
PLUMBER'S SOLDER ... ... ,,
FINE OR TINMAN'S SOLDER ... ,,
BLOW PIPE SOLDER ... . ,,

CHAIN.

	$\frac{3}{16}$	¼	$\frac{5}{16}$	⅜	$\frac{7}{16}$	½	⅝	¾ inch.
Proved Short Link								per cwt.
Best Proved Crane, warranted ..								per cwt.

Attested proof of Short Link Chains (Government Scale).

Size of Chain...	$\frac{3}{16}$	¼	$\frac{5}{16}$	⅜	$\frac{7}{16}$	½	⅝	¾ inch.
	5	12½	22½	32½	45 cwt.	3	4½	6¾ tons.

For safety, it is recommended that Chains should not be worked above two-thirds of test, but when used in blocks may be worked up to half test multiplied by number of sheaves; for example, ⅜ in. chain (single), 1½ ton; in blocks of 1 and 2 sheaves, 4½ tons.

Best Close Link Pulley and Curb Link—

	3	4	5	6	7	8 wire gauge.
Approx. weight per yard	2	1¾	1½	1½	1	¾ lb. per cwt.

Best Fine Coil, Plain or Twisted—
8 oz. 12 oz. 16 oz. 1¼ lb. 1½ lb. 2 lb. & 2½ lb. per cwt.
Cart Traces, 9 Link ... per cwt.
Plough ,, 9 Link, 2/- per cwt. extra.
Back Bands, assd. 3½ lb. to 6 lb. per cwt.
,, Light, 2½ lb. to 3¼ lb. ,,
Belly Bands ... ... per dozen.
Swivels, Hame, assorted ... ,,
,, Trace, assd. ¼ & $\frac{5}{16}$ in. ; all $\frac{5}{16}$ in. ,,
Cattle Ties, 5 in. Ring, medium weight ,,
,, Three Chain ,, ,,
,, Staple Runners ,,

SHEET COPPER—
In Sheets, 8 lbs. and upwards ... per lb.
7 lbs. and under, 1d. per lb. extra.
Cut to size ,,
SHEET BRASS—
In Sheets, 24 in. × 48 in., 11 to 24 gauge, $\frac{3}{16}$, ¼ in. ,,
,, rolled, 18 in. wide × 15, 16 and 17 gauge ,,
Cut to size ,,
BRASS ROD, 6 ft. long, $\frac{3}{16}$ in. to ½ in. if cut ,,
BRASS TUBES, Rough, ⅜ in. to 1 in. ,,
¼ in. and $\frac{5}{16}$ in., 1d. per lb. extra.
Annealed for bending, 1¼ in., 1½ in., 1¾ in., 2 in., 2½ in. ,,
If cut, 1d. per lb. extra.
COPPER TUBES, 7 ft. long, ⅜ in. and ½ in. ,,
¼ in. 1d. per lb. extra.
COPPER, ⅜ in. to 2 in. in Bars, square or round ,,
,, ,, Cut ,,
½ in. round, 1d. per lb. extra.
BRASS WIRE, 1 to 17 gauge .. .. ,,
Soft, in 1 lb. hanks, 24 gauge, 3d.; 26 gauge, 4d. per lb. extra.
In ½ oz. knots, 20 gauge, 5d. per lb. extra.
BEST COPPER WIRE, 1 to 19 gauge ... per lb.
If 14 lb. and upwards, 1d. less.
In 1 lb. hanks, 20 g. 1d., 22 g. 2d., 24 g. 3d., 26 g. 4d. per lb. extra.
In ½ oz. Knots, assorted, 20 to 24 gauge, 5d. per lb. extra.

STEEL.

Stubs's Crucible Cast Steel ... per cwt. per lb.
$\frac{3}{16}$ in. 2d. per lb. extra.
,, (L) Blister ... ... per cwt. per lb.
Oxley's Spring Steel, No. 2. ... ,, ,,
,, Best Cast Steel, for cold chisels, etc., square or octagon ... ... per cwt.
,, Cast steel, for jumpers, octagon ... ,,
,, Best Double Shear Steel, for smiths' tools, punches and dies ... ... ,,
,, Double Shear Steel, for smiths' tools only ,,
,, Parkgate Rolled Steel for Drifts ... ,,
If cut, 1d. per lb. extra.

These Prices are from Stock in Bristol, quantities sufficient to be sent direct from Works will be specially quoted for. Opening Bundles, 1/- per cwt. extra.

RAIN WATER AND SOIL PIPE CASTINGS. NET TRADE PRICES.

Special Prices will be quoted for quantities delivered free direct from Works.

HALF-ROUND GUTTERS AND CONNECTIONS.

PAINTED ONE COAT.

	Sizes 3	3½	4	4½	5	6	inch.
Gutters, 6 ft. lengths..							yard.
,, 2, 3, and 4 ft.							,,
Angles, square or obtuse 135°							each.
,, with drop cast on							,,
Nozzle Pieces ...							,,
T ,, ...							,,
Stop Ends, loose ...							,,
Drop Ends ...							,,
Union Clips ...							,,

Bolts and Nuts, per gross; per dozen.

Prices of 7, 8, and 9 in. upon application.

Galvanizing above, per cwt.

Laying out to plan 5 per cent. extra.

O. G. GUTTERS AND CONNECTIONS.

PAINTED ONE COAT. STOCKED WITH LEFT-HAND FAUCET.

	Sizes 2½, 3, & 3½	4	4½	5	6	inch.
Gutters, 6 ft. lengths ...						yard
,, 2, 3, and 4 ft. ...						,,
Angles, square or obtuse						each
,, with drop cast on						,,
Nozzle Pieces... ...						,,
Stop Ends, loose ...						,,
Drop Ends						,,
Union Clips						,,
Lion Heads, loose ..						,,

Bolt and Nuts, per gross; per dozen.

Galvanizing above, per cwt.

Laying out to plan 5 per cent. extra.

STOVE PIPES, with Soot Door in Centre.

In 6 ft. lengths	3½	4	4½	5	6	inch.
Stove Pipe Dampers ...						each. ,,

ROUND RAIN WATER, STOVE, OR LIGHT SOIL PIPES.

PAINTED ONE COAT, EXCEPT STOVE PIPES.

	Sizes 1½	2	2½	3	3½	4	4½	5	6	inch.
Pipes, 6 ft. ...										yard.
,, 2, 3, or 4 ft.										,,
Heads, flat or angle										each.
Shoes										,,
Bends, square or obtuse										,,
,, ,, with improved soot door										,,
Swan Necks, 3 in. projection										,,
,, 4½ and 6 in. ,,										,,
,, 9 in. ,,										,,
,, 12 in. ,,										,,
,, 15 in. ,,										,,
,, 18 in. ,,										,,
,, 21 in. ,,										,,
,, 24 in. ,,										,,
Plinth Bends, 2¼ in. projection										,,
Do. 3 in. ,,										,,
Loose Sockets ...										,,
Single Branch Pipes										,,
Double ,, ,,										,,

Diminishing Pieces, 2 in. Socket, 3 in. Spigot	,,
,, ,, 3 in. ,, 4 in. ,, ...	,,
2 in. Single Branch Pipe, with 1½ in. Branch	,,
2½ in. ,, ,, ,, ,, 1½ in. Branch	,,
3 in. ,, ,, ,, ,, 2 or 2½ in. Branch ..	,,
4 in. ,, ,, ,, ,, 2, 2½, or 3 in. Branch ...	,,
T Piece, 3 in., with 2 or 3 in. Branch	,,
,, 4 in., with 2 or 4 in. ,, ...	,,

Laying out to plan 5 per cent. extra.

4 in. Galvanized Light Soil Pipe, in 6 ft. lengths	yard.
,, ,, ,, ,, in 3 ft. lengths	,,
3 in. ,, ,, ,, in 6 ft. lengths	,,
,, ,, ,, ,, in 3 ft. lengths	,,

Galvanized Fittings double the price of Black.

		2	2½	3	3½	4	4½	5	6	inch.
Bonnet Tops ...										each.
Galvanized Wire Pipe Guards	For 2 in. Pipe...					dozen. ...				,,
	,, 2½ in. ,, ...					,, ...				,,
	,, 3 in. ,, ..					,, ...				,,
	,, 4 in. ,, ...					,, ...				,,
Copper ,, ,, ,,	,, 3 in. ,, ...					,, ...				,,
	,, 4 in. ,, ...					,, ...				,,
Galvanized Gutter Caps for 2, 2½ and 3 in. Outlets						,, ...				,,

	3	3½	4	4½	5	6	inch.
No. 2.—Bracket for half-round Gutter to screw on Facia ..							gross. doz.
Do. Do. Galvanized							gross. doz.
No. 3.—Do., do., to screw on side of Rafter ...							gross. doz.
No. 5.—Do., do., to screw on Facia, price same as No. 3.							
No. 6.—Do., to drive							gross. doz.
No. 9.—Do., O. G. Gutter to screw on Facia							gross. doz.
No. 8.—Do., do., to drive ...							gross. doz.

	2	2½	3	3½	4	5	6	inch.
No. 7.—Rain Water Pipe Hooks								gross. doz.
Do. Do. Galvanized								,,

Pipe Nails, 3 in., 3½ in. 4 in. × 5/16 in. ...	cwt....	lb.
,, Rose Head, 3 in., 3½ in. × 5/16 in. ...	,, ...	,,
,, ,, ,, Galvanized	,, ...	,,

HEAVY SOIL PIPES.

WITH OR WITHOUT EARS, COATED WITH SMITH'S SOLUTION.

4 in. Heavy Soil Pipes, in 6 ft. lengths, weighing 60 lbs. per length	yard.
4 in. do. do., in 2, 3, or 4 ft. ,, ...	per yard extra.
6 in. do. do., in 6 ft. lengths, weighing 90 lbs. per length,	yard.
4 in. Bends for ditto, 95° or 112½°	each.
4 in Single Branch Pieces for ditto, 112½°	,,

Swan Necks 4 in. × 3 in. 6 in. 9 in. 12 in. projection. each.

4 in. Loose Sockets ,,

MEDIUM SOIL PIPES

WITH or WITHOUT EARS, PAINTED RED INSIDE & OUT.

4 in. Medium Soil Pipes, in 6 ft. lengths, weighing 46 lbs. per length	yd.
Ditto, 2, 3, 4 ft., ...	per yard extra.
Bends for ditto, 95° or 112½°..	each.
Bend, with Rest for ditto, 112½°	,,
Single Branch Pieces for ditto, 112½	,,
Double ditto	,,

Swan Necks ... 4 in. × 3 in. 6 in. 9 in. 12 in. projection. each.

4 in. Loose Sockets ,,

SOIL PIPE CONNECTIONS.

SUITABLE FOR MEDIUM OR HEAVY PIPES.

No. 1.—4 in. Bend, 17½ in. long, with Socket 5⅜ in. diam. in clear to suit Earthenware Pipe or S Trap, each.

No. 2.—4 in. Branch Piece, with arm 18 in. projection, and Socket 5⅜ in. diam. in clear to suit Earthenware Pipe or P Trap, for 9 in. wall, each; also with 24 in. arm, each.

No. 4.—Short Piece, with Socket 5⅜ diam. in clear, to connect from Earthenware Pipe to Iron Pipe, 8 in. long, each.

No. 5.—4 in. Branch Pipe, arm 17 in. long to centre of Socket, with Socket 5⅜ in. in clear to suit Earthenware S Trap, for 9 in. wall, each; also with 21 in. arm, each.

No. 6.—4 in. Branch Pipe, with 18 24 in. branch. each.

Diminishing Piece, 4 in. Rain Water Socket, and 4 in. Soil Spigot, 10½ in. over all, each.

SOIL PIPE CONNECTIONS.

LIGHT.

No. 1.—4 in. Bend, 17½ in. long, with Socket 5⅜ in. diam. in clear to suit Earthenware Pipe or S Trap, each.

No. 2.—4 in. Branch Piece, with arm 18 in. projection, and Socket 5⅜ in. diam. in clear to suit Earthenware Pipe or P Trap, for 9 in. wall, each; also with 24 in. arm, each.

No. 3.—4 in. Tee Piece, with 2 in. Branch to connect Air Pipe, see under Rain Water Pipes.

No. 4.—Short Piece, with Socket 5⅜ in. diam. in clear, to connect from Earthenware Pipe to Iron Pipe, 8 in. long, each.

No. 5.—4 in. Branch Pipe, arm 17 in. long to centre of Socket, with Socket 5⅜ in. in clear to suit Earthenware S Trap, for 9 in. wall, each; also with 21 in. arm, each.

No. 6.—4 in. Branch Pipe, with 6 9 12 18 24 in. branch. each.

4 in., with 6 in. Branch, with Socket for 3 in. Ventilating Pipe, price each.

4½ in. ditto, ditto, with 4 in. Branch, 6 in. projection, each.

BRASS SOIL PIPE CONNECTIONS.

4 in. Brass Thimble, with turned-end Socket, 5½ in. diam. in clear, to connect from Earthenware Pipe to Lead Pipe, 4⅛ in. long, weight about 2¼ lb. each, per lb.

4 in. Brass Ferrule, with turned-end, to connect Lead to Iron Pipe, 5 in. long, weight about 1¾ lb. each, per lb.

Prices of Galvanized Wrought Iron Gutter and Pipes will be quoted on receipt of requirements.

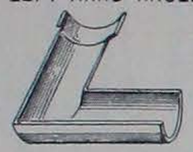
RAIN WATER AND SOIL PIPE CASTINGS.

HALF-ROUND AND O. G GUTTERS AND CONNEXIONS.

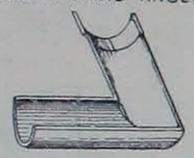
ANGLE WITH OUTLET.



LEFT-HAND ANGLE.



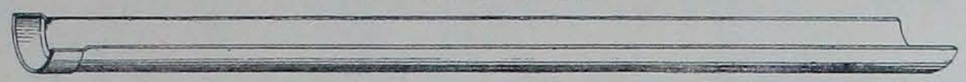
RIGHT-HAND ANGLE



OBTUSE ANGLE



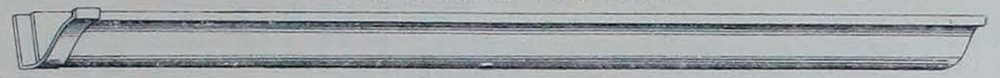
HALF ROUND GUTTER.



UNION CLIP.



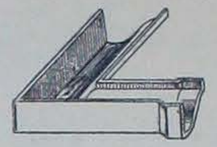
No. 1 O G GUTTER PLAIN FAUCIT.



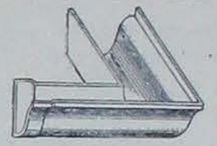
UNION CLIP.



INTERNAL ANGLE.



EXTERNAL ANGLE.



EXTERNAL OBTUSE ANGLE.



INTERNAL OBTUSE ANGLE.



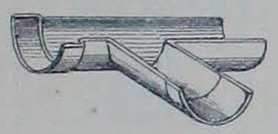
INTERNAL ANGLE WITH OUTLET



END PIECE WITH OUTLET



T PIECE



NOZZLE PIECE.



FAUCIT STOP END.



SPIGOT STOP END.



NOZZLE PIECE.



FAUCIT STOP END.



SPIGOT STOP END.



END PIECE WITH OUTLET

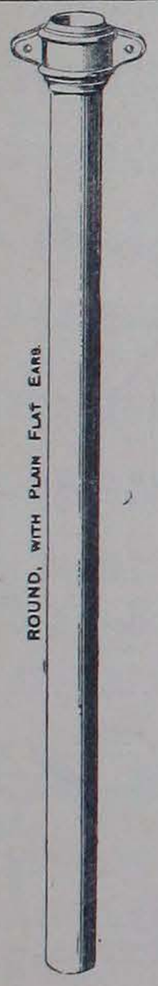


LOOSE LION'S HEAD

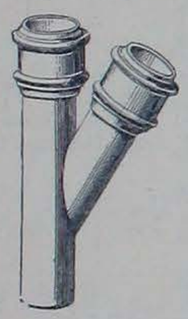


RAIN WATER PIPES AND FITTINGS.

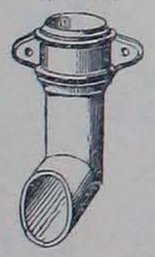
ROUND, WITH PLAIN FLAT EARS.



SINGLE BRANCH WITH SOCKET



SHOE.



SQUARE BENDS



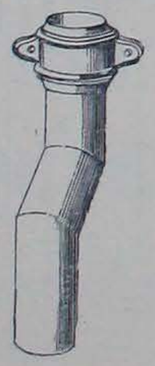
LOOSE SOCKET



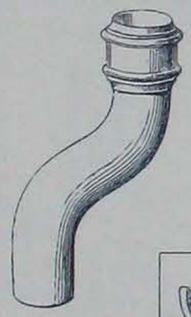
OBTUSE BEND



PLINTH BEND



SWAN NECK



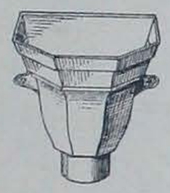
DIMINISHING PIECE



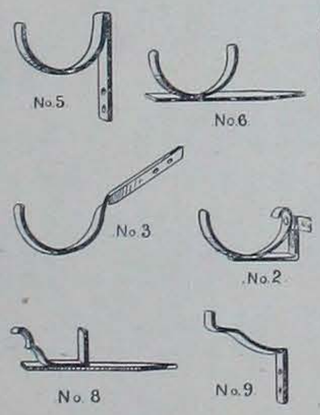
OBTUSE BEND WITH DOOR



HEAD.



GUTTER BRACKETS.

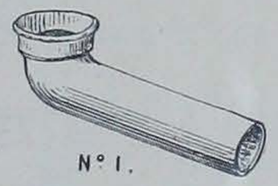


PIPE HOOK & NAIL.

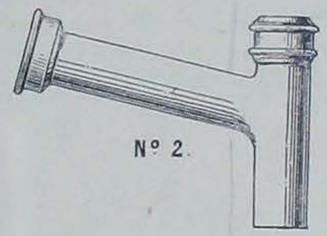


SOIL PIPE CONNECTIONS.

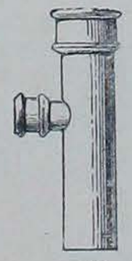
N° 1.



N° 2.



N° 3.



N° 4.



N° 5.

WIRE PIPE GUARD

N° 6.

BONNET TOP

GUTTER CAP

HEAVY AND MEDIUM SOIL PIPE.

BRANCH PIECE

OBTUSE BEND.

SWAN NECK.

For prices of above see fly leaf; but as prices are subject to alteration without notice, latest quotations will be sent on receipt of specifications of requirements.

PRICE LIST FOR GOODS on page 107.

RAIN WATER HEADS, Painted one coat.

C 1.—**Flat or Angle** ... 2 2½ 3 3½ 4 4½ 5 6 inches.
2/2 2/4 2/6 2/11 3/3 3/9 4/4 4/9 each.

C 2.— ,, ,, 3 3½ 4 4½ in. round and up to 4 in. × 3 in.
2/8 2/11 3/2 3/6 3/11 each

C 3.— ,, ,, 2 2½ 3 3½ 4 inches.
3/1 3/4 3/8 3/11 4/4 each.

For square pipe 3×2½ 4×3 4×4 5×3½ inches.
3/9 4/2 4/8 6/2 each.

C 4.— ,, ,, 9 10 12 inches deep

For pipe up to 5×3½ ins., 4/4 ; 6×4 ins., 5/3 ; 5×6 ins., 6/2 each.

C 5.—**Flat** sizes 8½×6 12×8½ inches at top.
for pipe up to 4×3, 8/8 ... ... 4½×3½ ,, 10/6 each.
Angle ... sizes 7×6 9×8¼ inches at top.
for pipe up to 4×3, 8/8 ... ... 4½×3½ ,, 10/6 ,,

C 6.—**Flat or Angle,** with overflow ... up to 4 in., 6/2 each.

C 7.— ,, ,, ... up to 4×3 inches, 8/8 ,,

C 8.—**Flat** ... ... for pipe up to 4½×3 ,, 10/6 ,,
Angle ... ... ,, 3 ×3 ,, 9/2 ,,

C 9.—**Flat** ... sizes 9×6⅛ ins. ... 10½×7½ ins. at top.
For round pipes ... 2 to 3 ins. ... 3½ 4 ins.
10/- ... 11/6 15/- each.
Square pipes up to 3 × 3 ins. ... 4 × 3 4 × 4 ins.
10/- ... 12/6 15/- each.
Angle ... sizes 10×8 ins. ... 11½ × 9 ins. at top.
For round pipes— ... For square pipes—
2 to 3 ins. 3½ ins. 4 ins. ... 4×3 ins. 4×4 ins.
10/- 11/6 15/- ... 12/6 15/- each.

C 14.—**Flat** ... ... 3 3½ 4 4½ 5 6 inches.
12/6 14/- 18/2 21/6 24/9 33/- each.

C 12.— 3×2 3×2½ 3×3 3½×2½ 4×2 4×2½ 4×3 4×4 5×3½ 5×4 6×4 ins.
12/6 12/6 12/6 14/- 16/6 16/6 16/6 18/2 20/- 21/6 24/9 each.

C 10.— } 12/6 12/6 12/6 14/- 16/6 16/6 16/6 18/2 20/- 21/6 24/9 ,,
C 13.— }

C 11.—**Flat** ... up to 4×4 in., 12/2 each ; **Angle** up to 3×3 in., 11/4 each.
Ornamental Ears cast on or loose, per Head extra.

MOULDED GUTTERS, Painted one coat.

A large number of other Sections are also made.

C 16.—**Deep Half Round** ... 3¼×2 3½×2½ 3½×3½ 4×2½ ins.
1/3 1/6 1/11 1/6 yard.

4×3 4×3½ 4×5 4½×3 4½×3½ 4½×4½ 5×3 ins.
1/10 2/- 2/9 1/11 2/1 2/9 2/1 yard.

C 17.— 3½×2½ 4×3 4½×3 4½×3½ 5×3 5×3½ 5×4 ins.
1/10 1/10 1/11½ 2/1½ 2/1½ 2/2 2/4 yard.
5½×4½ 6×4 6×4½ 6×5 7×5 8×6 9×6 ins.
2/9 2/8 2/9 — 3/10 4/9 5/5 yard.

C 18.— 3×3 3½×2 3½×2½ 3¾×2 4×2 4×3 4×3½ ins.
1/9 1/8 1/9 1/9 1/9 2/- 2/2 yard.
4×4 4½×3 4½×3½ 5×3 5×3½ 5×4 5×5 ins.
2/6 2/3 2/4 2/4 2/7 2/8 3/3 yard.
5¼×4 5⅝×3½ 5¾×3¾ 6×4 6×4½ 6×4¾ 6×5 ins.
2/8 2/6 h.b. 2/6 3/1 3/2 3/4 3/7 yard.
6×6 6¼×4 6½×3 7×4 7×5 7½×4 7½×5½ ins.
4/6 3/1 2/9 h.b. 3/11 4/- 3/11 4/6 yard.
8×6 8¼×6 9×5½ 9½×6 ins.
5/4 h.b. 5/4 5/1 5/9 h.b yard.

C 19.— 4½×3 5×3 5×4 6×4 6×5 ins.
2/3 2/4 2/8 3/1 3/7 yard.

C 20.— 3×2½ 3½×2½ 4×3 4½×3 4½×3½ 5×3 5×3½ ins.
1/6 1/10 1/10 1/11½ 2/1½ 2/1½ 2/2 yard.
5×4 5½×4½ 6×3½ 6×4 6×4½ 6×5 7×4 ins.
2/4 2/9 2/7 2/8 2/9 3/- 3/6½ yard.
7×5 8×5 8×6 9×5 9×6 10×6 ins.
3/10 4/2 4/9 5/5 5/5 6/4 yard.

C 21.— 3½×2½ 4×3 4½×3 4½×3½ 5×3½ 5×4 5½×4½ ins.
1/10 1/10 1/11½ 2/1½ 2/2 2/4 2/9 yard.
6×4 6×4½ 7×5 8×5 8×6 10×6 ins.
2/8 2/9 3/10 4/2 4/9 6/4 yard.

C 22.— 3×2½ 4×3 4×4 4½×3½ 5×3 5×4 5½×5 ins.
1/8 1/11 2/6 2/4 2/3 2/7 3/6 yard.
6×4 6×4¼ 7×5 ins.
2/10 2/11 4/2 yard.

(**H.B.** *indicates High Back.*)

C 23 & 24.— 4×3 5×3 5×3½ 5×4 5×4½ 6×3½ 6×4 6×4½ ins.
1/10 2/2 2/4 2/4 2/7 2/8 2/9 2/9 yard.

C 25.— 4½×3½ 5×4 5½×4½ 6×4 6×4½ 7×5 8×6 10×6 ins.
2/1½ 2/4 2/9 2/8 2/9 3/10 4/9 6/4 yard.

C 26.—

Width. Ins.	Depth. Ins.	Bottom. Ins.	Side. Ins.	Price per yd.
8	5	5	5¼	4/2
9	6	5¾	6¾	5/1
10	4½	5	5½	4/3
12	3	6½	4	4/3
12	4	6½	5	4/6
13	6	6¾	7	5/6
14	4	10¼	4½	5/1
14¼	4¼	10½	4¾, heavy	6/9
15	3¾	2	7½	5/1
15	5	5	7	5/3
15	5	6	6¾	5/3
15	5	2	8	5/3
15	5	6	6¾, heavy	6/6
16	5	3½	8	5/4
17	5	7	7	5/8
17½	4½	6	7¼	5/4
18	6	5	8¼	6/9
18	8	4¼	10¾	7/4
19	4	5	8	6/4
19	4½	5¼	8	6/4
19	5	3¼	9½	6/4
19	5	5	8½	6/4
19	5	9	7	6/4
19	5¾	8	8	6/9
20	4	2¾	9½	6/9
21	5	5	9½	6/11
21½	5½	7	9	7/5
21¾	5¼	16¼	6 (extra heavy)	12/3
22	4½	8¾	8	11/3
23	6	6	10¼	8/-
24	6	8	10	8/6
24	6	9	9¾ (extra heavy)	10/-
25	6	6	11¼	9/8
28½	7	9	12	10/-

C 27.—

Width. Ins.	Depth. Ins.	Bottom. Ins.	Side. Ins.	Price per yd.
7	4	2⅝	6	3/6
7	4	4¾	4¾	3/8
8	5	5	5¾	4/1
8½	3	1⅜	7¾	3/4
9	4	6	5	4/2
9	5	3	7½	4/2
9	6	7	6¼	5/1
10	4	4¼	7	4/2
10	4	5¾	5¾	4/4
10	5	5	7	4/-
10½	4	4¾	8½ high back	5/1
11	3	4	7½	3/6
11½	6	7¾	7	5/4
12	4	6	7	5/-
12	4¾	4½	8¾	5/3
12	6	3¼	10¼	5/7
12	6	9	6⅜	5/10
12⅛	6, heavy	5¾	8½	7/4
13	5	7½	7¼	5/7
13	5⅜, heavy	3	11¼, back	6/11
14	4	5½	9¼	5/4
14	5	6	8¾	5/10
14	5	6½	9	6/-
14	6	4½	11	6/1
14	6, heavy	4½	11	8/2
14½	4	4¾	10½	5/6
15	5	7¼	9	6/8
15	6	6½	10¼	6/11
15	6	5	11½	6/11
15½	6, heavy	6	11¾, back	8/3
16	6	6¾	11	6/8
16	6, heavy	6¾	11	8/5
17	5	6¾	11	6/8
19	5	10½	9½	7/10
19	7, heavy	9	12½	13/4
21	6	9¾	12	9/3
21	7¼	9½	13½	10/-
24	6	13	12	10/-

C 28.— 4×3 4×4 5×3 5×4 5×5 6×4½ 6×6 7×6 9×5 9×6 10×5 ins.
2/2 2/7 2/7 2/10 3/5 3/3 4/9 5/6 5/2 6/- 5/10 yard.

C 29.—4×3 4½×3 4½×3½ 4½×4 5×3 5×4 5½×4 5½×4½ 6×4 6×4½ 6×5 ins.
2/2 2/3 2/5 2/6 2/5 2/9 2/8 3/2 3/1 3/3 3/7 yard

SHORT LENGTHS.—Gutters up to 2 ft. charged as 1 yard ; from 2 ft. to 4 ft. as 1½ yards ; 4 ft. to 6 ft. as 2 yards. Plain Stop Ends and Union Clips, as ⅓ yard. Return Ends, as ½ yard. Angles and Nozzles as 1 yard of Gutter, except C 26 and C 27, which are charged as 2 yards.

Cutting (and) laying out Gutters to sketch, charged extra.

LOOSE BANDS, Painted one coat.

C 30, C 31, C 32, C 34, C 36, C 39.—
3×2 3×2½ 3×3 3½×2½ 4×2 4×2½ 4×3 4×4 5×3½ 5×4 6×4 ins.
2/1 2/1 2/1 2/3 2/3 2/3 2/3 2/5 3/- 3/- 3/2 each.

C 33, C 35, C 37, C 38.—
1/6 1/6 1/6 1/8 1/8 1/8 1/8 1/9 2/3 2/3 2/5 ,,

C 40.—5×2½ in. **Gutter** with cresting 2¾ ins. high fitted, 4/9 per yard in 3 or 6 ft. lengths.

C 41.—6¾ in×4 in. **Ornamental Gutter,** 3/9 per yard in 3 or 6 ft. lengths. Angles and Nozzles as 1 yard of Gutter.

C 42.—**Projecting Clip,** with or without Bats 2½ 3 3½ 4 4½ 5 6 ins.
10½d. 1/- 1/2 1/4 1/6 1/9 2/2 each.

C 43.—With brass bolts and nuts .. 1/11 2/- 2/2 2/4 2/8 2/11 3/6 ,,

Wrought Iron Projecting Clips to drive, with bolts and nuts, for round pipe, 4 in. 1/6 ; 4½ in. 1/8 each.

SQUARE AND RECTANGULAR RAIN WATER PIPES AND FITTINGS, Painted one coat.

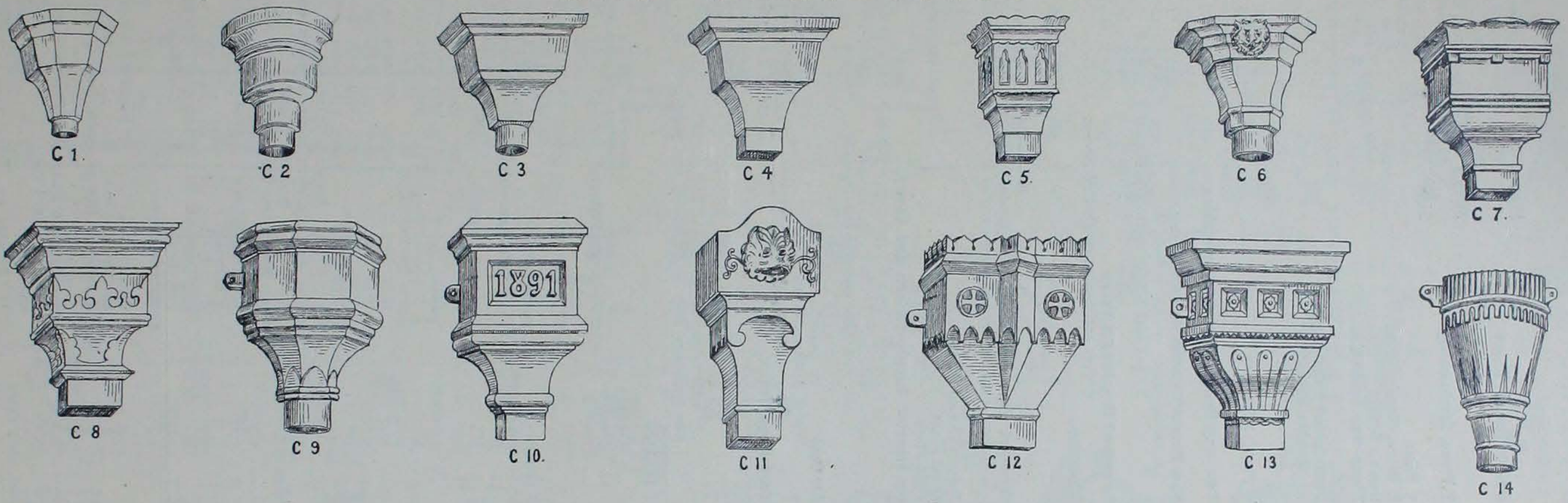
With or without Plain Flat Ears.

	2½×2, 2½×2½ 3×2, 3×2½	3×3 3½×2½	3½×3	3½×3½	4×2 4×2½ 4×3	4×3½	4×4	4½×3	4½×3½	4½×4½	5×3 5×3½	5×4	5×5	6×3	6×4	6×5	6×6 inches.
Pipes in 6 ft. lengths ...	2/8	3/1	3/4	3/9	3/4	3/11	4/4	3/11	4/4	5/3	4/9	5/3	6/-	5/7	5/11	7/2	7/11 per yard.
,, in 2, 3, & 4 ft. lengths	(6d. per yard extra)					(9d. per yard extra)										(1/2 extra ,,	
Plain Angle Ears ...	(6d. per socket extra)					(9d. per socket extra)										(1/2 socket extra.	
Shoes	2/9	3/4	3/5	3/10	3/5	4/-	4/5	4/-	4/5	5/6	5/2	5/6	6/4	5/9	6/4	7/9	8/6 each.
Bends, Square or Obtuse...	2/9	3/4	3/5	3/10	3/5	4/-	4/5	4/-	4/5	5/6	5/2	5/6	6/4	5/9	6/4	7/9	8/6 ,,
Swan-necks, or Plinth Bends—																	
3 in. projection	3/4	3/10	4/-	4/6	4/-	5/-	5/4	5/-	5/4	6/8	6/-	6/8	7/9	7/2	7/9	9/3	10/3 ,,
6 in. ,, ...	3/10	4/5	4/6	5/2	4/6	5/3	5/9	5/3	5/9	7/2	6/10	7/2	8/6	7/9	8/6	10/6	11/3 ,,
9 in. ,, ...	4/8	5/6	5/8	6/4	5/8	6/9	7/2	6/9	7/2	9/-	8/6	9/-	10/6	9/8	10/6	13/-	13/9 ,,
12 in. ,, ...	5/6	6/5	6/9	7/8	6/9	8/-	8/9	8/-	8/9	11/-	10/2	11/-	12/8	11/6	12/8	15/6	16/9 ,,
15 in. ,, ...	8/3	9/8	10/2	11/6	10/2	12/-	13/2	12/-	13/2	16/6	15/-	16/6	18/9	17/6	18/9	23/-	25/6 ,,
18 in. ,, ...	11/-	13/-	13/6	15/4	13/6	16/3	17/6	16/3	17/6	22/-	20/6	22/-	25/-	23/-	25/-	31/-	33/6 ,,
21 in. ,, ...	13/9	16/3	16/9	19/3	16/9	20/6	22/-	20/6	22/-	27/6	25/3	27/6	31/6	29/-	31/6	38/6	42/- ,,
Branch Pieces, Single ...	4/6	5/-	5/3	5/9	5/3	6/-	7/-	6/-	7/-	8/3	7/9	8/3	9/6	9/-	9/6	11/6	12/9 ,,
,, ,, Double ...	5/6	6/3	6/10	7/9	6/10	8/3	9/-	8/3	9/-	11/-	10/3	11/-	12/9	11/6	12/9	15/6	16/6 ,,

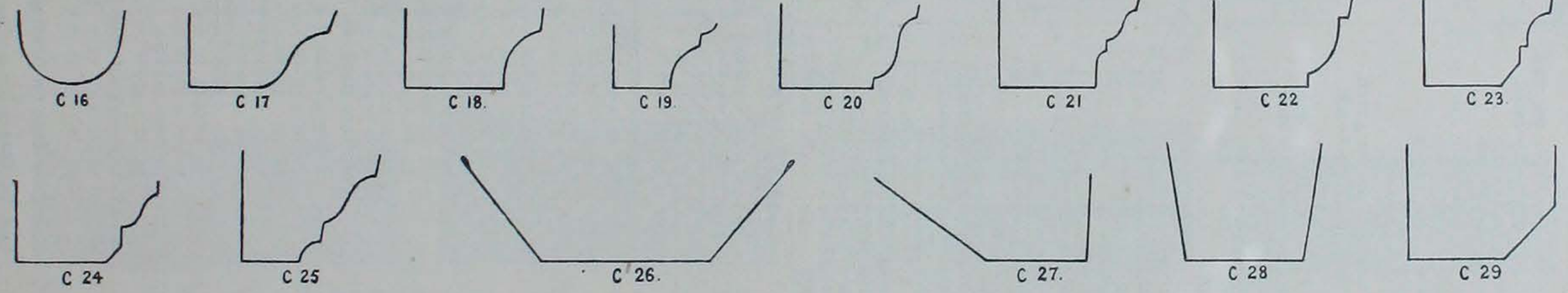
Special prices for large quantities on receipt of specification.

RAIN WATER HEADS.

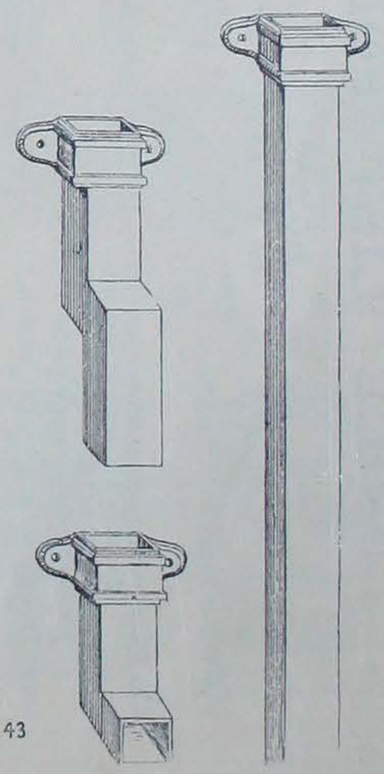
RAIN WATER HEADS



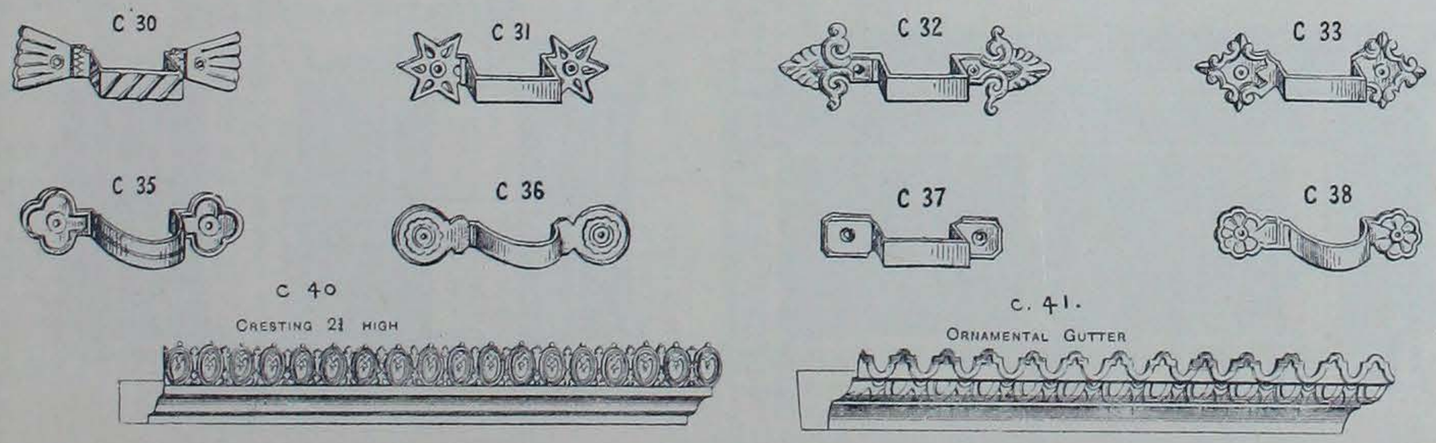
MOULDED GUTTERS.



SQUARE RAIN WATER PIPES.



LOOSE BANDS



For prices of above see page 106 ; but as prices are subject to alteration without notice, latest quotations will be sent on receipt of specifications of requirements.

PRICE LIST FOR GOODS on page 109.

HOT-WATER PIPES AND FITTINGS.

These Pipes are proved to a pressure equal to 200 feet Head of Water.

	Sizes 2	3	4 inch.
Hot-Water Pipes in 9 ft. lengths ...			per yard.
,, ,, in 6 ft. ,, ...			,,
,, ,, in 3 ft. ,, ...			,,

Coil Pipes same price as Hot-water Pipes in the following lengths:—
2 inch in 3 ft. and 6 ft. lengths.
3 inch in 3 ft., 6 ft. and 9 ft. lengths.
Any other lengths at a slight increase in price.

Loose Troughs about 2 ft. 5½ in. long ...	3	4	inch. each.

	Sizes 2	3	4 inch.
Trough Pipe, Medium, in 6 ft. or 9 ft. lengths (4 in. 6⅝ in. wide)	—	—	— per yard.
C 47.—**Long Elbow**	2/3	3/9	6/- each.
C 48.—**Common Elbow**	1/9	2/10	4/3 ,,
C 49.—**Outlet Syphon**	2/10	4/10	7/6 ,,
C 50.—**Elbow** ,, ...	3/-	5/3	7/9 ,,
C 51.—**Open** ,, ...	2/6	4/6	6/6 ,,
C 52.—**Close** ,, ...	2/4	4/-	6/3 ,,
C 53.—**T Piece**	2/9	4/6	7/- ,,
C 54.— ,, ...	2/9	4/6	7/- ,,

	Sizes 3 to 2	4 to 2	4 to 3 inch.
C 55.—**Diminishing Pipe,** new pattern ...	1/8	2/-	2/8 each.
C 56.— ,, **Nipple**	1/6	1/8	2/- ,,

	Sizes 2	3	4 inch.
C 57.—**S Pipe**, 6 inches projection	2/2	3/6	5/- each.
,, 9 ,, ,, ...	2/6	3/9	5/6 ,,
,, 12 ,, ,, ...	2/9	4/-	5/9 ,,
,, 14 ,, ,, ...	3/9	6/2	8/6 ,,
,, 16 ,, ,, ...	4/-	6/10	9/3 ,,
C 58.—**Two-way Branch Syphon**	3/-	5/3	7/9 ,,
C 59.—**Swan Neck**, 5 inches projection ...	2/3	3/6	5/3 ,,
,, 7 ,, ,, ...	2/9	3/9	5/9 ,,
,, 10 ,, ,, ...	3/-	4/6	6/9 ,,
,, 16 ,, ,, ...	4/6	7/6	8/- ,,
C 60.—**Sliding Collar**	1/3	1/9	2/6 ,,
C 61.—**Blank Spigot**	6d.	9d.	1/2 ,,
C 62.— ,, **Socket**	1/1	1/9	3/- ,,
C 63.—**Bend, Inside**	2/-	3/3	4/9 ,,
C 64.— ,, **Outside**	2/3	3/6	6/- ,,
C 65.—**Branch Piece**	3/-	4/6	7/9 ,,

	Sizes 3 to 2	4 to 2	4 to 3 inch.
C 66.—**Diminishing Elbow**	2/9	4/-	4/6 each.
C 67.— ,, ,, ...	3/6	5/6	6/- ,,

	Sizes 2	3	4 inch.
C 68.—**Cross Piece**	4/10	6/6	8/3 each.
C 69.—**Boiler Socket**	1/9	2/3	— ,,
C 70.— ,, ,, ...	2/-	2/6	— ,,

	Sizes 3 to 2	4 to 2	4 to 3 inch.
C 71.—**Diminishing Pipe**	2/3	3/3	3/6 each.

	Sizes 2	3	4 inch.
C 72.—**Double Socket Elbow**	2/-	3/6	5/3 each.
C 73.— ,, ,, ,, **Long**	2/9	4/6	7/- ,,

	Sizes 3 to 2	4 to 2	4 to 3 inch.
C 74.—**T Piece, Diminishing**	5/2	5/6	7/6 each.

	Sizes 2	3	4 inch.
C 77.—**Y Piece**	2/9	4/6	7/- each.
C 78.—**H Piece, Close**	3/6	6/-	9/6 ,,
C 79.—**Double Socket**	1/10	3/3	4/6 ,,
C 80.—**Three-way Syphon**	4/6	6/6	9/6 ,,

	Sizes 3 to 2×12	4 to 2×14	4 to 3×16 in. proj.
C 81.—**Diminishing Swan-neck, Double Socket**	5/6	8/3	8/6 each.
C 82.— ,, ,,	5/6	8/3	8/6 ,,

	Sizes 2	3	4 inch.
C 83.—**T Piece, 3 Sockets**	3/3	5/3	8/3 each.

	Sizes 3 to 2	4 to 2	4 to 3 inch.
C 84.—**Two-way Branch Syphon, Diminishing** ...	4/2	6/3	8/3 each.

	Sizes 2	3	4 inch.
C 85.—**New Patent Throttle Valve,** with removable working parts	9/3	11/6	14/- each.

Socket and Spigot or Double Socket.

	Sizes 2	3	4 inch.
C 86.—**Improved Diaphragm Valve**	13/3	17/6	22/- each.

Socket and Spigot or Double Socket.

C 87.—Pipe Stand	3d.	4d.	4d.
C 88.— ,, ,, ...			
C 89.— ,, ,, ...			
C 90.— ,, ,, ...	5½d.	7½d.	9d.
C 91.—**Wrought Pipe Stand**, with Expansion Rollers, made to any height or number of pipes	[According to size.]		
C 92.—Rebated Dead Plate	14/6 per cwt.		
C 93.—Head Plate			
C 94.—Flue Plate			

C 95.—**Ornamental Supply Cistern and Cover**—

12×7×12	15×8×15	19×10×16	24×10×18 inch.
8/9	12/6	19/6	26/6 each.

For other patterns see page 187.

	⅛	¼ inch.
C 96.—**Air Cock**	1/9	1/10 each.
C 97.— ,, with Spanner Head	1/9	1/10 ,,

	12×9	14×10 inch.
C 98.—**Soot Door,** double	6/-	7/6 each.

	6×3 inch in box.	
C 99.— ,, ,, ...	1/6	each.

	6×4½ inch in box.	
C 100.— ,, ,, with bright turnbuckle	3/-	each.

For Ordinary Soot Door, see C 447, page 188.

HOT-WATER GRATINGS.

In ordering Hot-Water Gratings it is necessary to state whether with or without End Borders, and if at one or both ends.

When Borders are added an extra will be charged, and the lengths increased accordingly.

Shorter lengths than the sizes stated will be charged as full lengths of pattern from which they are cut.

	Each.
C 101.— 8 in.×4¼ in.×½ in. thick ...	5/6 each.
11½ in.×4¼ in.×½ in. ,, ...	7/3 ,,
15 in.×4⅛ in.×½ in. ,, ...	9/3 ,,

For other sizes, see C 727, page 205.

	Each.
C 102.— 7 in.×16 in.×½ in. thick (Plain bar)	2/6
15⅛ in.×15 in.×½ in. ,, (all round)	3/6
21⅛ in.×21 in.×½ in. ,,	7/3
6 in.×4⅛ in.×½ in. ,, ...	4/10
8 in.×4⅛ in.×½ in. ,, ...	5/10
10 in.×4⅛ in.×½ in. ,, ...	7/3
12 in.×4⅛ in.×½ in. ,, ...	8/3
14 in.×42 in.×½ in. ,, ...	9/6
16 in.×4⅛ in.×½ in. ,, ...	10/6
18 in.×4⅛ in.×½ in. ,, ...	12/-
20 in.×4⅛ in.×½ in. ,, ...	13/3

For other sizes see C 722, page 205.

C 103.— 9⅛ in.×42 in.×½ in. thick ...	6/6 each.
10 in.×42 in.×½ in. ,, ...	6/6 ,,
11 in.×4⅛ in.×½ in. ,, ...	6/6 ,,
12 in.×42 in.×½ in. ,, ...	7/- ,,
13 in.×4⅛ in.×½ in. ,, ...	8/3 ,,
14 in.×42 in.×½ in. ,, ...	8/3 ,,
10 in.×35⅞ in.×⅝ in. ,, ...	6/3 ,,
16 in.×37⅜ in.×9/16 in. ,, ...	7/6 ,,
12 in.×35⅞ in.×⅝ in. ,, ...	6/6 ,,
14 in.×36¼ in.×⅝ in. ,, ..	7/3 ,,
C 103.—15 in.×37⅜ in.×⅝ in. thick ...	8/- each.
(*contd.*) 18 in.×35¼ in.×⅝ in. ,, ...	9/- ,,
13⅞ in.×35⅜ in.×⅝ in. ,, ...	7/3 ,,
26⅞ in.×54 in.×⅝ in. ,, ...	19/- ,,
30 in.×37¾ in.×⅝ in. ,, ...	14/3 ,,
Design reversed and border all round—	
9 in.×35⅜ in.×⅜ in. thick ...	4/10 each.
9 in.×35⅝ in.×7/16 in. ,, ...	5/6 ,,
9 in.×35¼ in.×⅜ in. ,, ...	5/3 ,,
9⅛ in.×36 in.×⅝ in. ,, ...	6/3 ,,
C 104.— 5 in.×34¾ in.×7/16 in. ,, ...	3/6 each.
6 in.×35 in.×⅜ in. ,, ...	3/3 ,,
7 in.×35⅛ in.×7/16 in. ,, ...	3/6 ,,
11⅞ in.×35⅝ in.×7/16 in. ,, ...	8/9 ,,
14 in.×34¾ in.×7/16 in. ,, ...	5/10 ,,
8 in.×41⅞ in.×½ in. ,, ...	4/6 ,,
12 in.×41¾ in.×½ in. ,, ..	10/- ,,
14½ in.×41⅞ in.×½ in. ,, ...	11/- ,,
17 in.×41⅞ in.×½ in. ,, ...	13/3 ,,

For other sizes, see C 726, page 205.

C 105.— 7⅜ in.×39⅜ in.×⅜ in. thick ...	4/3 each.
6 in.×32 in.×7/16 in. ,, ...	3/6 ,,
16 in.×33¼ in.×7/16 in. ,, ...	7/- ,,
12 in.×41⅞ in.×½ in. ,, ...	7/3 ,,
8 in.×36¼ in.×¾ in. ,, ..	8/- ,,
9 in.×36⅜ in.×¾ in. ,, ...	9/9 ,,
9 in.×42 in.×⅜ in. ,, ...	5/3 ,,
16½ in.×36¾ in.×¾ in. ,, ...	12/- ,,
30 in.×41⅞ in.×1 in. ,, ...	27/6 ,,
45 in.×47⅜ in.×1 in. ,, ...	62/- ,,
With Border all round—	
16⅜ in.×48 in.×⅞ in. thick ...	25/- each.
27 in.×53 in.×¾ in. ,, ...	22/9 ,,

End Bars Cast on Gratings ... 6d. each extra.

End Borders ... ... 1/1 ,, ,,

	Number of 2in. Pipes.	With 24in. Tubes.	With 36in. Tubes.
C 106.—**Angle Pedestal**	21	£6 0 0	£6 16 6
,, ,,	22	6 12 6	7 6 6
C 107.—Hexagon ,,	13	3 19 0	4 6 6
,, ,,	37	11 4 6	12 7 6
C 108.—Octagon ,,	25	7 15 6	8 12 6

C 109.—**Coil Case**, without top, 36 in. high over all—

	3 ft.	4 ft.	4 ft. 6 in.	5 ft.	6 ft.
18 in. deep inside...	57/9	66/-	70/-	73/6	80/-
15 in. ,, ,, ...	55/-	63/3	67/6	71/-	77/9
12 in. ,, ,, ...	51/6	57/9	63/3	67/6	73/6
9 in. ,, ,, ...	49/6	55/-	57/9	63/3	71/-
Extra for Iron Top—					
18 in. deep.. ...	17/9	20/6	24/9	25/6	31/-
15 in. ,, ...	16/6	19/3	23/6	24/-	28/3
12 in. ,, ...	14/6	17/9	21/3	22/-	25/6
9 in. ,, ...	12/3	17/-	19/3	20/6	22/6

Bronzing extra.

Exterior sizes are 2½ in. more in width, and 5 in. more in length.

C 110.—**Hot-Water Coil**, made any size or length—

	9 ft. long.	4 ft. 6 in. long.
3 in. Double Coils...	15/- per pipe.	11/- per pipe.
3 in. Single ,, ...	16/9 ,,	12/- ,,

	6 ft. long.	3 ft. long.
2 in. Double Coils...	8/9 per pipe.	6/2 per pipe.
2 in. Single ,, ...	8/- ,,	5/9 ,,

Coil Ends only—

	2 inch.	3 inch.
Single	1/3 per hole.	2/6 per hole.
Double	1/2 ,,	2/- ,,

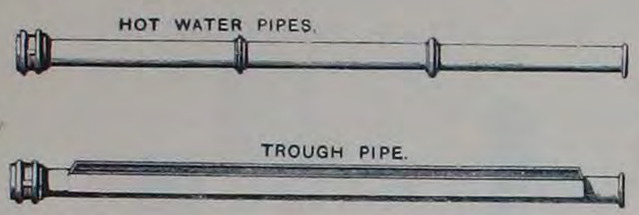
Nozzles may be cast on where desired, counting as holes.

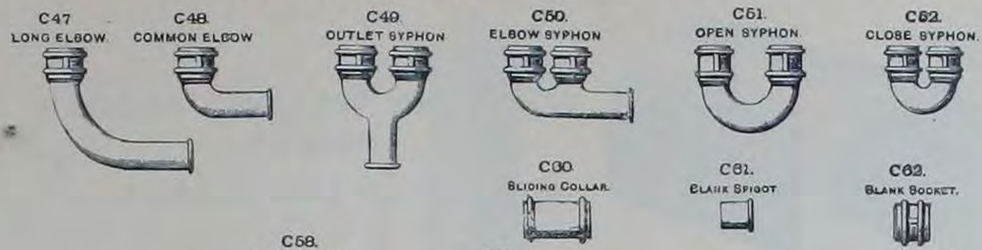
C 111.—**Furnace Doors and Frames**—

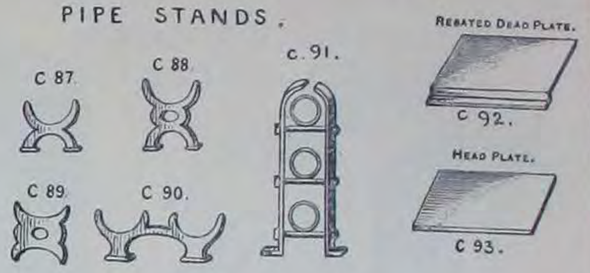
14×26× 9 in. Fires	20/9 each.
16×28×11 ,, ...	24/3 ,,
18×30×13 ,, ...	29/- ,,
20×32×15 ,, ...	33/- ,,

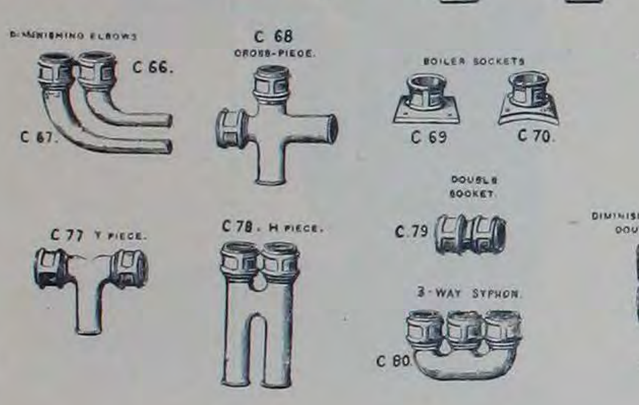
HOT WATER PIPES AND COILS.

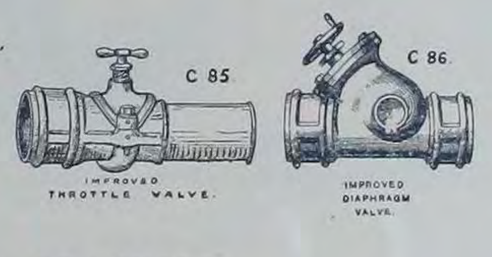
HOT WATER PIPES, FITTINGS, &c





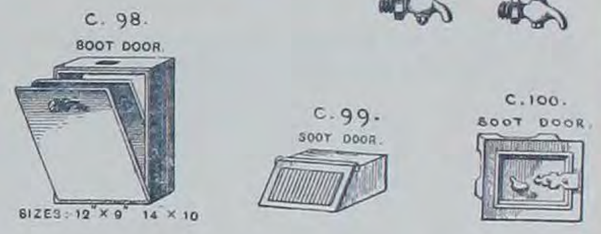




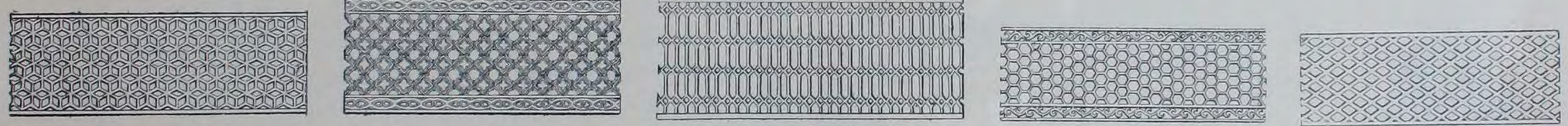






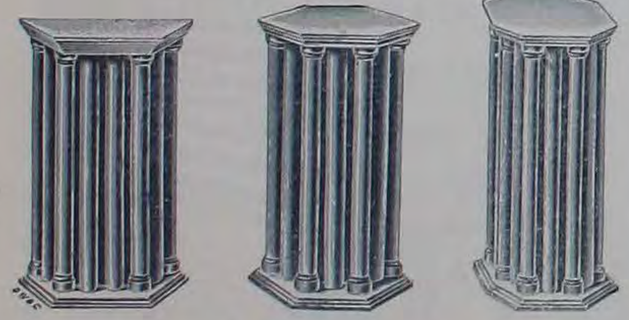


HOT WATER GRATINGS.



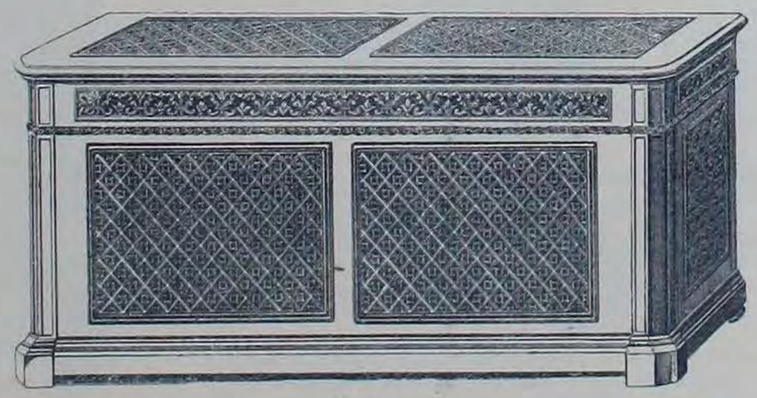
C 101. C 102. C 103. C 104. C 105.

PEDESTAL COILS.



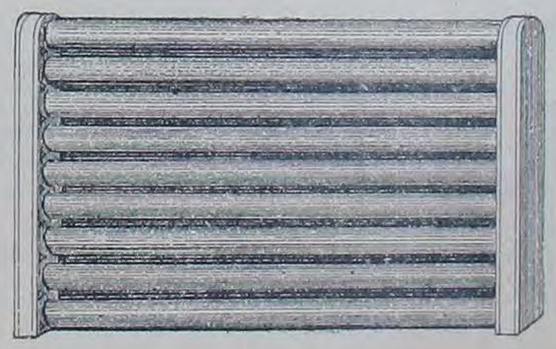
C 106. C 107. C 108.

ORNAMENTAL COIL CASE.



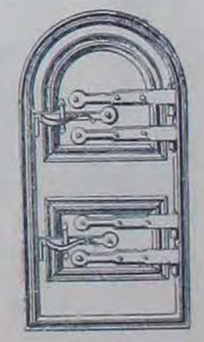
C 109.

HOT WATER COIL.



C 110.

Furnace Doors & Frames.

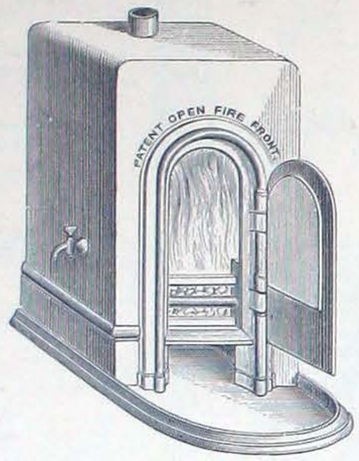


C 111.

For Prices of above see preceding page.

HOT WATER CIRCULATING BOILERS.

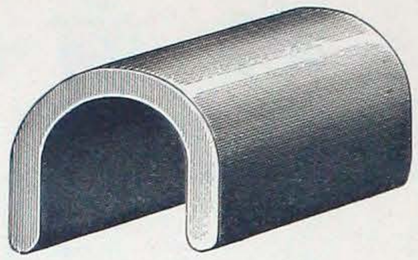
OPEN FIRE WROUGHT WELDED BOILER.



C 155.

Suitable for standing in Harness Room and heating circulating pipes to Coach house, &c.

Height.	Width.	Price including Tray and Draw-off Tap.
15 in.	12½ in.	£6 12 0
21 in.	12½ in.	9 2 6
24 in.	15 in.	11 0 0
27 in.	18 in.	13 5 0
30 in.	21 in.	15 15 0



C 159.

WROUGHT WELDED SADDLE BOILER.

With 1¼ to 2½ in. waterways according to size.

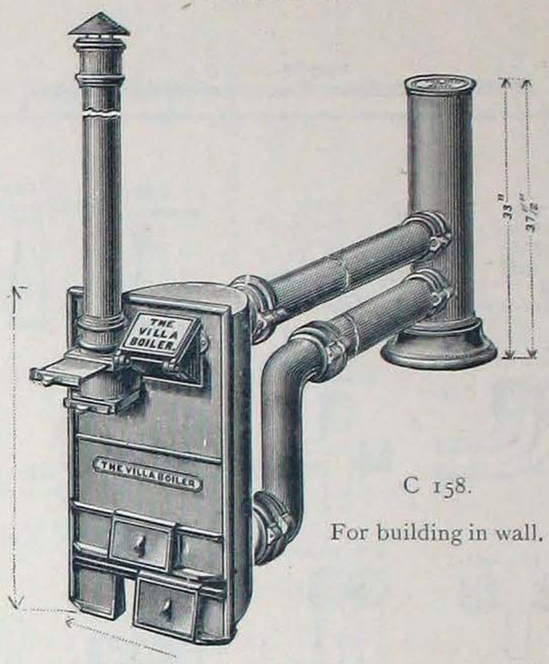
Length.	Width.	Depth.	Extreme heating power in 4 in. pipe.	Price of Boiler only.	Doors and set of Fittings extra.
18 in.	10 in.	11 in.	150 ft.	£1 17 6	£2 5 9
18 in.	12 in.	12 in.	180 ft.	2 5 0	2 8 6
21 in.	12 in.	12 in.	210 ft.	2 9 0	2 11 3
24 in.	12 in.	12 in.	240 ft.	2 12 6	2 16 6
24 in.	14 in.	14 in.	280 ft.	3 0 6	2 19 3
30 in.	12 in.	12 in.	300 ft.	3 3 0	3 3 0
30 in.	14 in.	14 in.	350 ft.	3 17 6	3 4 6
36 in.	14 in.	14 in.	420 ft.	4 4 0	3 12 9
36 in.	16 in.	16 in.	480 ft.	5 0 0	3 12 9
42 in.	16 in.	16 in.	560 ft.	6 5 0	3 15 3
42 in.	18 in.	18 in.	630 ft.	7 0 0	4 0 9
48 in.	16 in.	16 in.	640 ft.	7 0 0	4 0 9
48 in.	18 in.	18 in.	720 ft.	8 0 0	4 6 0

Plain sockets fixed to boilers, 2 in. 6/9, 3 in. 8/3, 4 in. 9/9 each extra.

Set of fittings comprise hinged doors and frame, C 111, furnace bars, dead plates, flue plates, 3 soot doors and damper.

Sliding furnace doors as T 160, 11/6 extra.

THE VILLA GREENHOUSE BOILER.



C 158.

For building in wall.

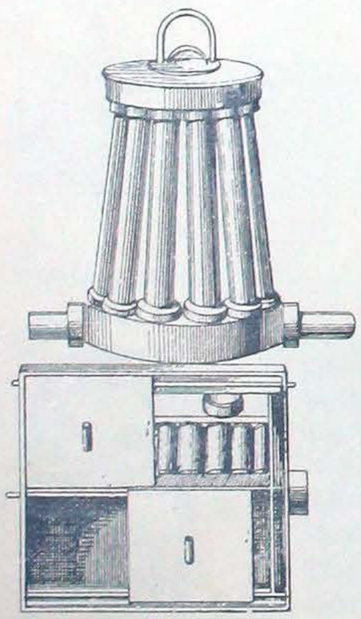
Size. No.	Dimensions of Boiler Front. Height.	Width.	Heating power in 4 in. pipes.	Price of Boiler and Furnace front only.
1	26¼ in.	14¾ in.	70 ft.	£3 16 9
2	28¼ in.	18 in.	100 ft.	5 5 6
3	28¼ in.	20½ in.	140 ft.	5 18 6
5	28¼ in.	18 in.	180 ft.	7 19 6
6	26¼ in.	20½ in.	200 ft.	8 12 9
6A	26¼ in.	20½ in.	230 ft.	9 7 0

Nos. 5 and 6A have waterway front and waterway check plate.

No. 6 has waterway front.

Above prices include sockets for 2, 3, or 4 in. ordinary or improved pipes.

Expansion box 33 in. for Nos. 1, 2 and 5 boilers
,, ,, 37½ in. for Nos. 2, 3, 5, 6 & 6A boilers } 28/6



T 160.

CAST TUBULAR BOILER.

Size No.	Dimensions of boiler. only. Height.	Diameter.	Heating power in 4 in. pipes.	Price with tubular water bars.	Without water bars.
1	18 in.	15 in.	150 ft.		£2 17 6
2	21 in.	18 in.	350 ft.	£6 6 6	5 3 6
3	29½ in.	22 in.	750 ft.	8 6 9	6 18 0
3a	Do. with cradle bars		850 ft.	9 15 6	
4	36 in.	26 in.	1000 ft.	13 16 0	11 10 0
4a	Do. with cradle bars		1150 ft.	15 10 6	
5	45 in.	32 in.	1400 ft.	18 8 0	16 2 0
5a	Do. with cradle bars		1600 ft.	20 14 0	

Double sliding door 22 in. wide × 20 in. high, for boilers Nos. 1 and 2, 23/- set extra.

Double sliding door 26 in. wide × 27 in. high, for larger boilers, 31/9 set extra.

Improved flue plates for top of boiler, increasing power of boiler and facilitating cleaning of flues.

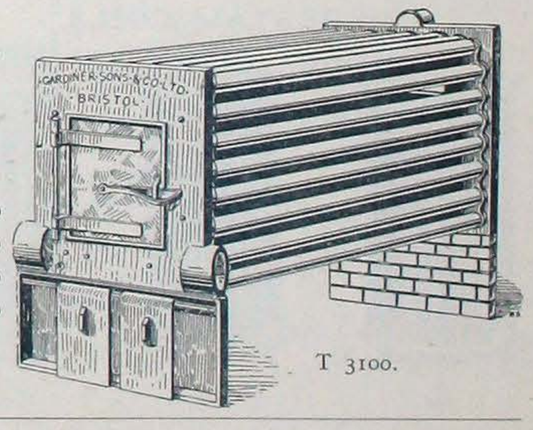
For No. 2.	3 and 3a.	4 and 4a.	5 and 5a.
11/6	14/6	17/3	20/3 extra.

CAST TUBULAR SADDLE BOILER.

Suitable for positions where drainage is shallow.

The Boiler is provided with double tubes over fire, tubular fire bars, and double sliding doors.

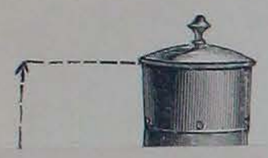
To Heat	Dimensions of Boiler. Length.	Height.	Width.	
1.— 800 ft. 4 in. pipe	...42 in.	27 in.	24 in.	£13 16 0
2.—1,200 ,, ,,	...60 in.	27 in.	24 in.	17 5 0
3.—1,600 ,, ,,	...60 in.	30 in.	32 in.	23 0 0
4.—2,000 ,, ,,	...78 in.	30 in.	32 in.	27 12 0



T 3100.

All heating powers given for 4-in. pipes, for 3-in. pipes add one third, for 2-in. pipes double the length given.
Further details and designs will be sent on receipt of requirements.

SELF-FEEDING BOILER.



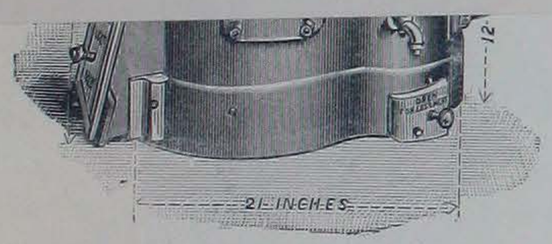
OF No. 1.
,, No. 2 & 3.

PAGE 111.

Since printing this list prices of the following Boiler Stoves and Supply Tanks have been reduced; being now:—

C3102.—No. 2	.. ..	£3	0	0	C156.—No. 3	£4	4	0
No. 2A	.. ..	3	5	0	No. 4	5	10	0
No. 2B	.. ..	3	10	0	No. 5	7	10	0
No. 3	.. ..	4	10	0	No. 6	10	0	0
No. 4	.. ..	5	10	0	No. 7	12	0	0
					No. 8 . ..	16	0	0

C3104.—For 3-in. Pipe £0 15 0
For 4-in. ,, ... 1 1 0



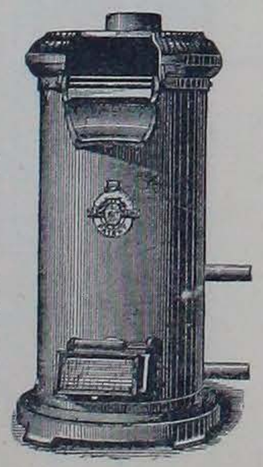
C 3101.

No. 1.—21 in. × 12 in., will Heat from 20 to 75 ft. of 4-in. pipe	£5	5	0
No. 2.—29 in. × 14½ in., will Heat from 80 to 200 ft. of 4-in. pipe	7	12	6
No. 3.—29 in. × 19¾ in., will Heat from 200 to 350 ft. of 4 in. pipe	10	10	0

SLOW COMBUSTION BOILER.

C 156. Suitable for Offices, Schools, and Entrance Halls.

Size No.	Height.	Diameter.	Heating Power in 4-in. Pipe.	Price.		
3	30 in.	12 in.	70 to 80 ft.	£4	12	6
4	32 in.	14 in.	120 to 140 ft.	6	1	0
5	34 in.	16 in.	230 to 250 ft.	8	5	0
6	40 in.	18 in.	370 to 400 ft.	11	0	0
7	45 in.	22 in.	470 to 500 ft.	13	4	0
8	50 in.	24 in.	570 to 600 ft.	17	12	0



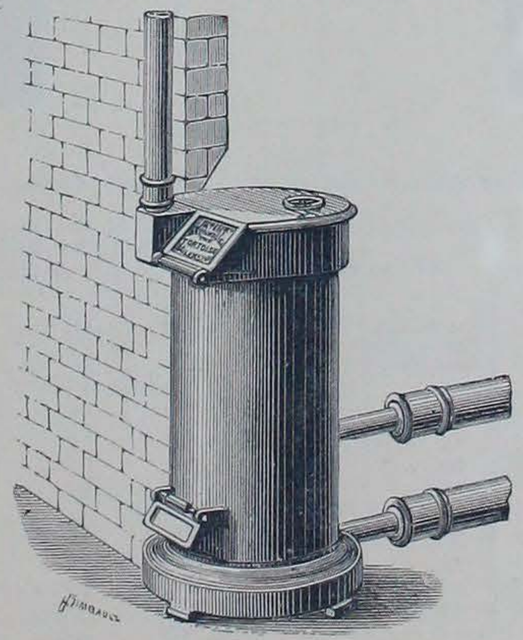
Self-Feeding BOILER STOVE.



Will burn from 12 to 18 hours without attention.

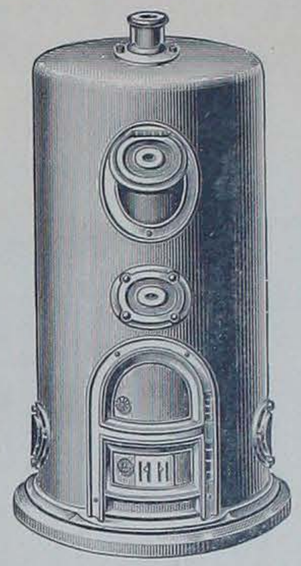
No. 2.	Will Heat 25 feet 4 inch Pipe		£3	6	0
,, 2A.	,, 40 ,,	,,	3	11	6
,, 2B.	,, 60 ,,	,,	3	17	0
,, 3.	,, 80 to 100	,,	4	19	0
,, 4.	,, 130 to 150	,,	6	1	0

Slow Combustion Greenhouse Boiler.

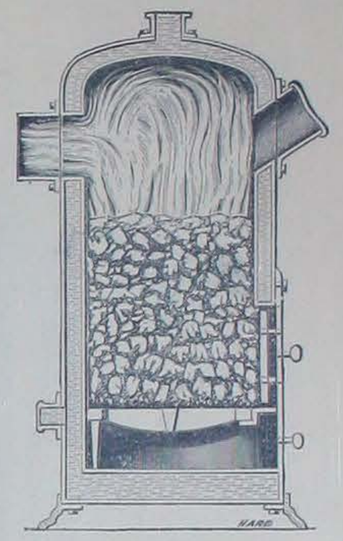


C 157.
For building in wall, thus utilizing heat from Stove. Dimensions and prices as No. C 156, but made in sizes Nos. 3, 4, and 5 only.

DOME TOP BOILER, with Waterway Bottom.



ELEVATION C 3103. SECTION.



This boiler is recommended where the water contains a quantity of sediment.

PRICE LIST, including one 2-in. Flow and Return Sockets, two Manholes and Covers round the bottom, and one over the fire door.

No.	Size of Boiler over all. High.	Diam.	ACTUAL HEATING POWER.	Diam. of Smoke Pipe.	Height of Flow Pipe.	Price. 5/16-in. Plate. £	s.	d.
	In.	In.	4-in. Pipes.	In.	In.			
1	30	13	120 feet.	5	33	8	5	0
2	32	13	140 ,,	5	36	8	16	0
3	32	15	170 ,,	6	37	10	10	0
4	40	15	210 ,,	6	43	11	11	0
5	46	15	250 ,,	6	49	12	18	6
6	40	18	290 ,,	7	45	16	5	0
7	46	18	340 ,,	7	51	16	15	6
8	52	18	390 ,,	7	57	18	0	0
9	46	21	440 ,,	7	51	20	10	0
10	52	21	500 ,,	7	57	21	14	6
11	58	21	560 ,,	7	63	24	5	0
12	64	21	620 ,,	7	69	26	13	6
13	54	24	600 ,,	7	59	28	10	0
14	60	24	660 ,,	7	65	32	3	6
15	66	24	720 ,,	7	71	34	2	6
16	72	24	780 ,,	7	77	35	5	0
17	60	30	850 ,,	8	65	39	0	0
18	72	30	1000 ,,	8	77	47	5	0

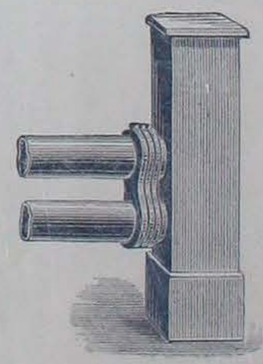
C 3104.

SUPPLY TANKS

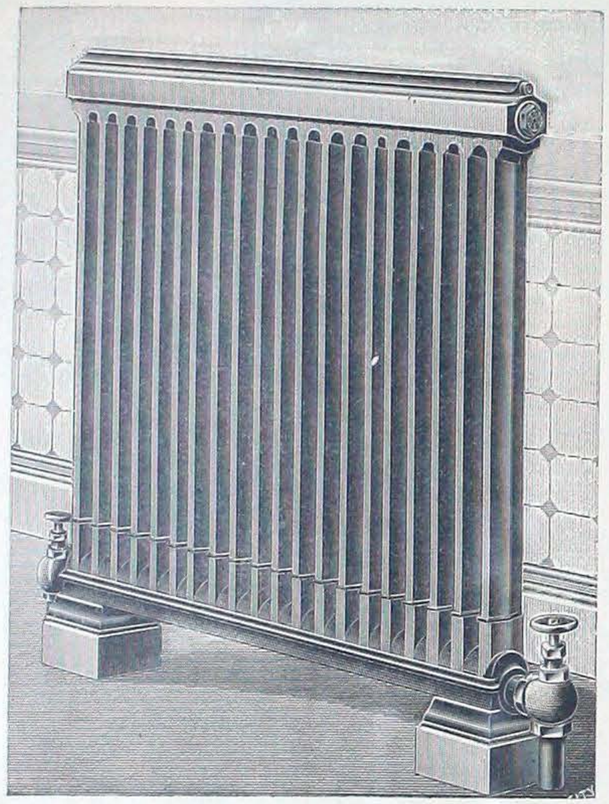
For C 3102, C 156 and C 157.

Made with socket for plain pipe, or flanges for patent ditto.

For 3 in. pipe, 26 in. × 6 in.	£0	16	6
For 4 in. pipe, 28 in. × 7 in.	1	3	3



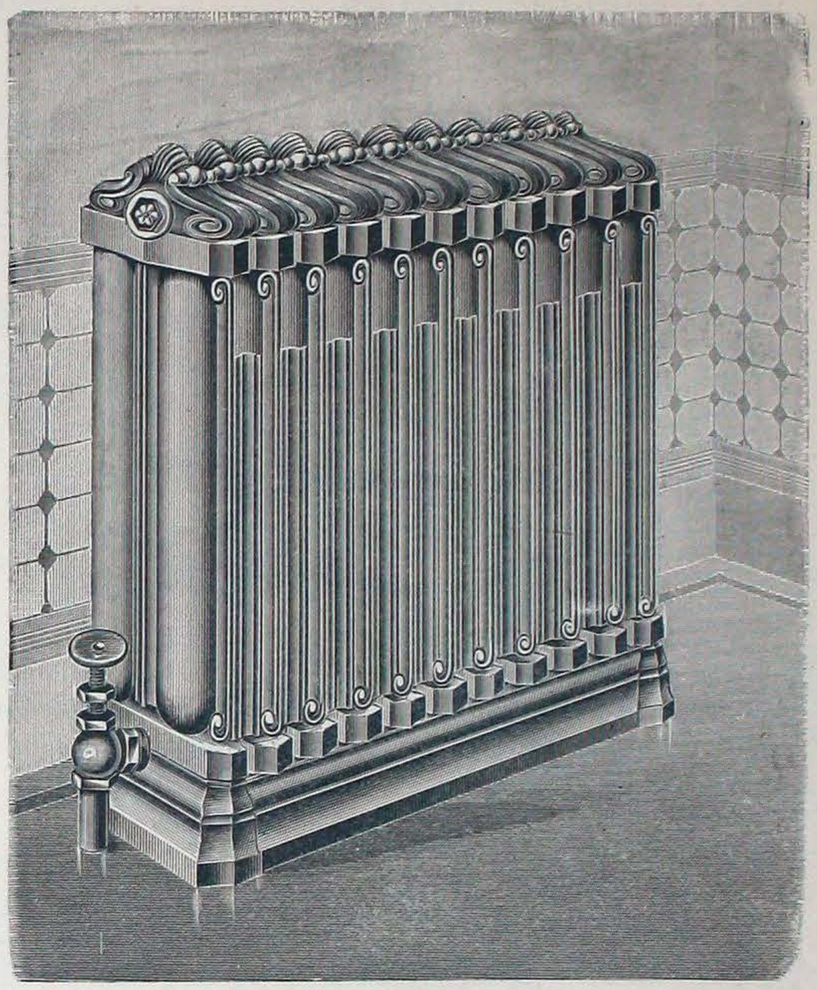
All heating powers given for 4 in. pipes, for 3-in. pipes add one third, for 2-in. pipes double the length given. Further details and designs will be sent on receipt of requirements.



C 3107.

Width over Tubes, 2½ in. Extreme Width over Foot, 4½ in. Height from Floor to centre of Opening for Flow Pipe, about 5 in.

The figures below apply to all sizes.		36 in. High.		30 in. High.		24 in. High.	
No. of Tubes Long.	Length over all.	Length of 4in. Pipe to give equal effect.	PRICE.	Length of 4in. Pipe to give equal effect.	PRICE.	Length of 4in. Pipe to give equal effect.	PRICE.
10 Tubes	1 ft. 8 in.	17 feet	£1 17 6	13 feet	£1 13 9	10 feet	£1 10 0
15 ,, ...	2 ,, 5 ,,	25 ,,	2 16 3	20 ,,	2 10 7	15 ,,	2 5 0
20 ,, ...	3 ,, 2 ,,	33 ,,	3 15 0	27 ,,	3 7 6	20 ,,	3 0 0
25 ,, ...	3 ,, 11 ,,	42 ,,	4 13 9	33 ,,	4 4 5	25 ,,	3 15 0
30 ,, ...	4 ,, 8 ,,	50 ,,	5 12 6	40 ,,	5 1 0	30 ,,	4 10 0
35 ,, ...	5 ,, 5 ,,	58 ,,	6 11 3	47 ,,	5 18 0	35 ,,	5 5 0
40 ,, ...	6 ,, 2 ,,	66 ,,	7 10 0	54 ,,	6 15 0	40 ,,	6 0 0
45 ,, ...	6 ,, 11 ,,	75 ,,	8 8 9	60 ,,	7 11 10	45 ,,	6 15 0
50 ,, ...	7 ,, 8 ,,	84 ,,	9 7 6	66 ,,	8 8 9	50 ,,	7 10 0
55 ,, ...	8 ,, 5 ,,	92 ,,	10 6 3	73 ,,	9 5 7	55 ,,	8 5 0
60 ,, ...	9 ,, 2 ,,	100 ,,	11 5 0	80 ,,	10 2 6	60 ,,	9 0 0
65 ,, ...	9 ,, 11 ,,	108 ,,	12 13 9	87 ,,	10 19 4	65 ,,	9 15 0



VENTILATING RADIATOR.

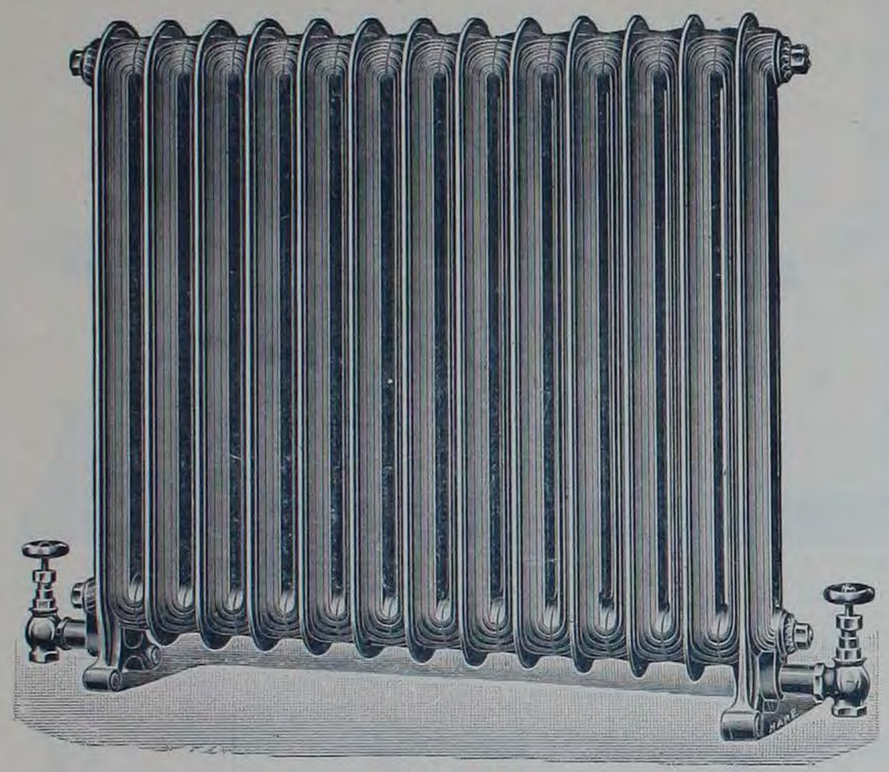
C 3108.—Extreme Width over Tubes 7½ in., over Foot, 9 in. Height from Floor to Centre of Opening for Flow Pipe, about 6 in.

The figures below apply to all sizes.		39 in. High.		33 in. High.		27 in. High.	
No of Loops Long.	Length over all.	Length of 4in. Pipe to give equal effect.	PRICE.	Length of 4in Pipe to give equal effect.	PRICE.	Length of 4in. Pipe to give equal effect.	PRICE.
3 Loops	10 in.	18 feet	£2 7 3	15 feet	£2 2 9	12 feet	£1 18 3
4 ,, ...	13 ,,	24 ,,	3 3 0	20 ,,	2 17 0	16 ,,	2 11 0
5 ,, ...	16 ,,	30 ,,	3 18 9	25 ,,	3 11 3	20 ,,	3 3 9
6 ,, ...	19 ,,	36 ,,	4 14 6	30 ,,	4 5 6	24 ,,	3 16 6
7 ,, ...	22 ,,	42 ,,	5 10 3	35 ,,	4 19 9	28 ,,	4 9 3
8 ,, ...	25 ,,	48 ,,	6 6 0	40 ,,	5 14 0	32 ,,	5 2 0
9 ,, ...	28 ,,	54 ,,	7 1 9	45 ,,	6 8 3	36 ,,	5 14 9
10 ,, ...	31 ,,	60 ,,	7 17 6	50 ,,	7 2 6	40 ,,	6 7 6
11 ,, ...	34 ,,	66 ,,	8 13 3	55 ,,	7 16 9	44 ,,	7 0 3
12 ,, ...	37 ,,	72 ,,	9 9 0	60 ,,	8 11 0	48 ,,	7 13 0
13 ,, ...	40 ,,	78 ,,	10 4 9	65 ,,	9 5 3	52 ,,	8 5 9
14 ,, ...	43 ,,	84 ,,	11 0 6	70 ,,	9 19 6	56 ,,	8 18 6
15 ,, ...	46 ,,	90 ,,	11 16 3	75 ,,	10 13 9	60 ,,	9 11 3
16 ,, ...	49 ,,	96 ,,	12 12 0	80 ,,	11 8 0	64 ,,	10 4 0
17 ,, ...	52 ,,	102 ,,	13 7 9	85 ,,	12 2 3	68 ,,	10 16 9

Flow and Return Openings are Tapped for 1½-in. Wrought Iron Pipe, but can be reduced to any other size without extra charge. All Valves for Water or Air charged extra.

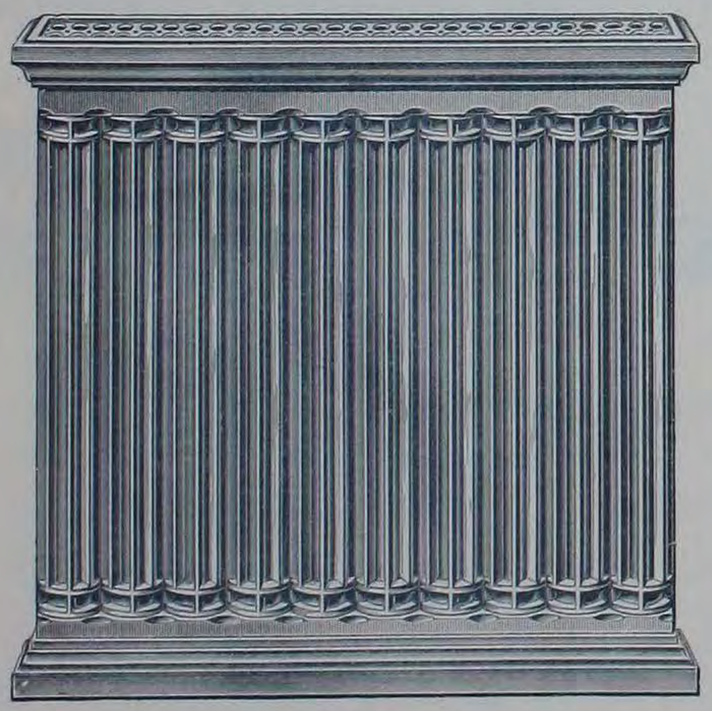
RADIATORS FOR HOT WATER OR STEAM.

REGISTERED No. 238996.



ELEVATION.

C 3110.



C 3111.

C 3110. SINGLE RADIATOR.

2 ft. High.				2 ft. 6 in. High.		3 ft. High.		3 ft. 6 in. High.	
Length over all.	No. of Loops.	Heating Surface.	Prices.	Heating Surface.	Prices.	Heating Surface.	Prices.	Heating Surface.	Prices.
ft. in.		ft.	£ s. d.	ft.	£ s. d.	ft.	£ s. d.	ft.	£ s. d.
1 1	4	10	1 6 6	13	1 10 0	16	1 14 0	19	1 18 0
1 4	5	12	1 12 6	16	1 17 0	20	2 2 0	24	2 7 0
1 7	6	15	1 18 0	19	2 4 0	24	2 10 0	29	2 16 0
1 10	7	17	2 4 0	23	2 10 9	28	2 17 2	34	3 4 2
2 1	8	20	2 10 0	26	2 18 0	32	3 5 4	39	3 13 4
2 4	9	22	2 16 6	29	3 5 3	36	3 13 6	44	4 2 6
2 7	10	25	3 2 6	32	3 12 6	40	4 1 8	49	4 11 8
2 10	11	27	3 8 6	35	3 19 9	44	4 9 10	54	5 0 10
3 1	12	30	3 15 0	39	4 7 0	48	4 18 0	59	5 10 0
3 4	13	32	4 1 3	42	4 14 3	52	5 6 2	64	5 19 2
3 7	14	35	4 7 6	45	5 1 6	56	5 14 4	69	6 8 4
3 10	15	37	4 13 9	49	5 8 9	60	6 2 6	74	6 17 6
4 1	16	40	5 0 0	52	5 16 0	64	6 10 8	79	7 6 8
4 4	17	42	5 6 3	55	6 3 3	68	6 18 10	84	7 15 10
4 7	18	45	5 12 6	58	6 10 6	72	7 7 0	89	8 5 0
4 10	19	47	5 18 9	62	6 17 9	76	7 15 2	94	8 14 2
5 1	20	50	6 5 0	65	7 5 0	80	8 3 4	99	9 3 4
5 4	21	52	6 11 3	68	7 12 3	84	8 11 6	104	9 12 6

Above can be Tapped for 1 in. or 1¼ in. Connections.

C 3111. SINGLE RADIATORS, 6 Inches Wide.

2 ft. 6 in. High.			2 ft. 9 in. High.		3 ft. High.		3 ft. 3 in. High.	
Length.	Heating Surface.	Prices.	Heating Surface.	Prices.	Heating Surface.	Prices.	Heating Surface.	Prices.
ft. in.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.
1 11½	20 0	3 7 0	22 0	3 8 6	24 0	3 10 0	27 0	3 11 6
2 3	23 0	3 15 0	25 6	3 17 0	28 0	3 18 6	31 0	4 0 6
2 6½	26 0	4 3 0	29 0	4 5 0	32 0	4 7 0	35 0	4 9 0
2 10	29 0	4 11 0	32 6	4 13 6	36 0	4 15 6	39 0	4 18 0
3 1½	32 0	4 19 0	36 0	5 1 6	40 0	5 4 0	44 0	5 6 6
3 5	35 0	5 7 0	39 6	5 10 0	44 0	5 12 6	48 0	5 15 6
3 8½	38 0	5 15 0	43 0	5 18 0	48 0	6 1 0	53 0	6 4 0
4 0	41 0	6 3 0	46 6	6 6 6	52 0	6 9 6	57 0	6 13 0
4 3½	44 0	6 11 0	50 0	6 14 6	56 0	6 18 0	62 0	7 1 6
4 7	47 0	7 10 0	53 6	7 14 0	60 0	7 18 0	66 0	8 1 6
4 10½	50 0	7 18 0	57 0	8 2 0	64 0	8 6 0	70 0	8 10 0
5 2	53 0	8 5 0	60 6	8 9 6	68 0	8 14 0	74 0	8 18 0

C 3111. DOUBLE VENTILATING RADIATORS, 9¼ or 10½ Inches Wide.

2 ft. 6 in. High.			2 ft. 9 in. High.		3 ft. High.		3 ft. 3 in. High.	
Length.	Heating Surface.	Prices.	Heating Surface.	Prices.	Heating Surface.	Prices.	Heating Surface.	Prices.
ft. in.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.	ft. in.	£ s. d.
1 11½	40 0	6 14 0	44 0	6 17 0	48 0	7 0 0	53 0	7 3 0
2 3	46 0	7 10 0	51 0	7 13 6	56 0	7 17 0	62 0	8 0 6
2 6½	52 0	8 6 0	58 0	8 10 0	64 0	8 14 0	70 0	8 18 0
2 10	58 0	9 2 0	65 0	9 6 6	72 0	9 11 0	79 0	9 15 6
3 1½	64 0	9 18 0	72 0	10 3 0	80 0	10 8 0	87 0	10 13 0
3 5	71 0	10 14 0	79 0	10 19 6	88 0	11 5 0	96 0	11 10 6
3 8½	78 0	11 10 0	86 0	11 16 0	96 0	12 2 0	105 0	12 8 0
4 0	84 0	12 6 0	93 0	12 12 6	104 0	12 19 0	114 0	13 5 6
4 3½	90 0	13 2 0	100 0	13 9 0	112 0	13 16 0	122 0	14 3 0
4 7	96 0	14 10 0	107 0	14 17 0	119 0	15 5 0	131 0	15 12 0
4 10½	102 0	15 5 0	114 0	15 13 0	126 0	16 1 0	139 0	16 9 0
5 2	108 0	16 0 0	121 0	16 8 6	134 0	16 17 0	148 0	17 5 6

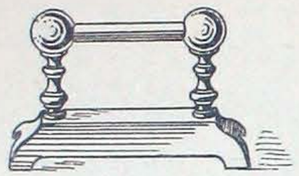
Flow and Returns for above patterns sent to suit requirements. When heated by water, 1 in. are recommended for Radiators with under 50 ft. surface; 1¼ in. with under 100 ft.; 1½ in. with under 150 ft.

All Valves for Water and Air charged extra. *Made in smaller and larger sizes.* *Prices on receipt of requirements.*

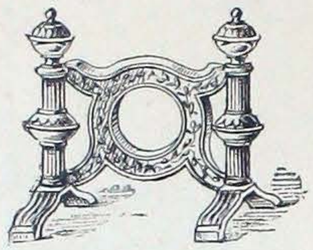
FIRE IRON REST AND FENDER KERBS.



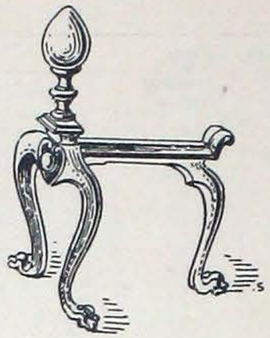
T 3114.



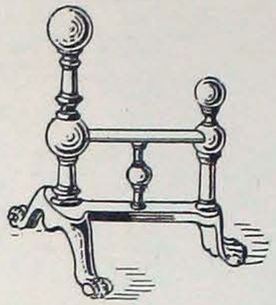
T 3115.



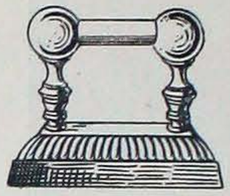
T 115.



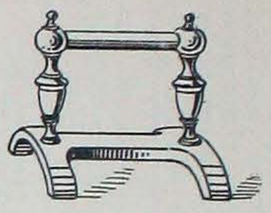
T 3116.



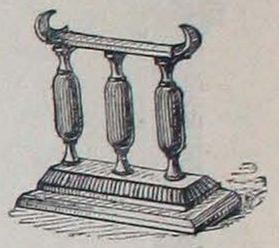
T 3117.



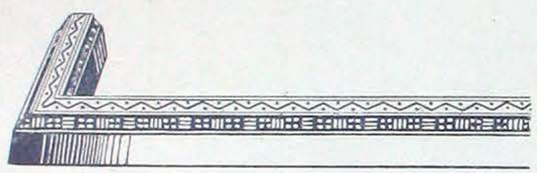
T 3118.



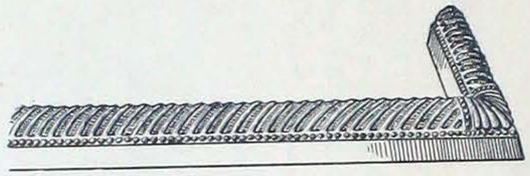
T. 3119.



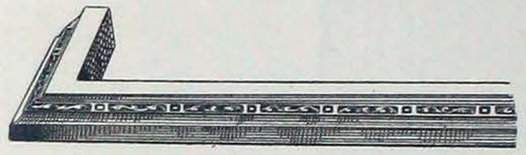
T 125.



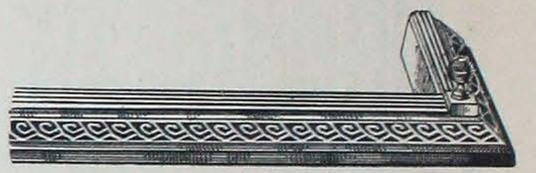
T 131.



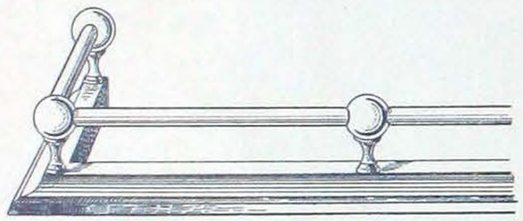
T 3120.



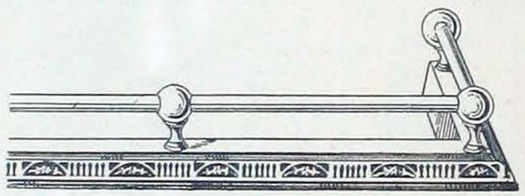
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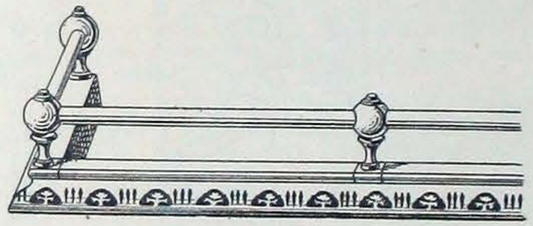
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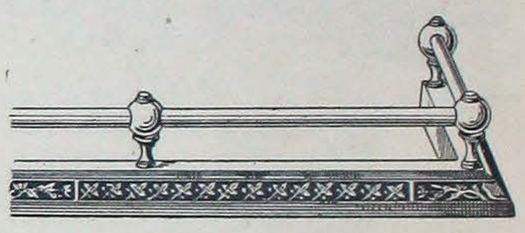
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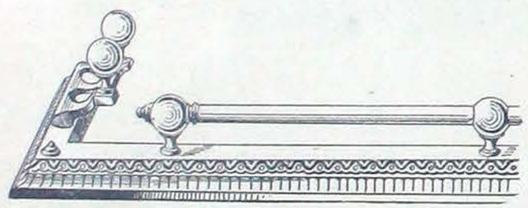
T 3124.



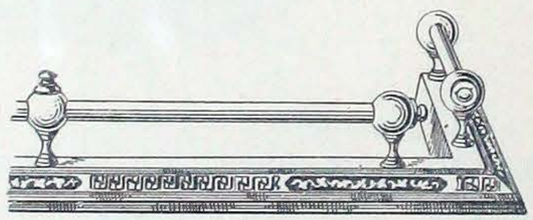
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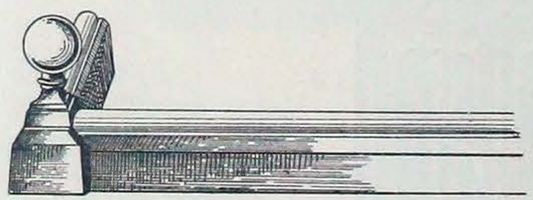
T 3126.



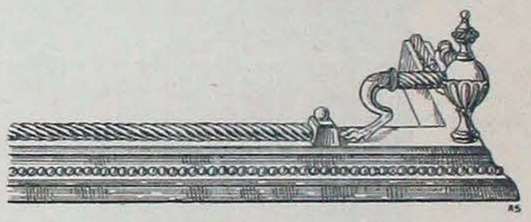
T 3127.



T 3128.



T 3129.



T 3130.

FIRE IRON RESTS.

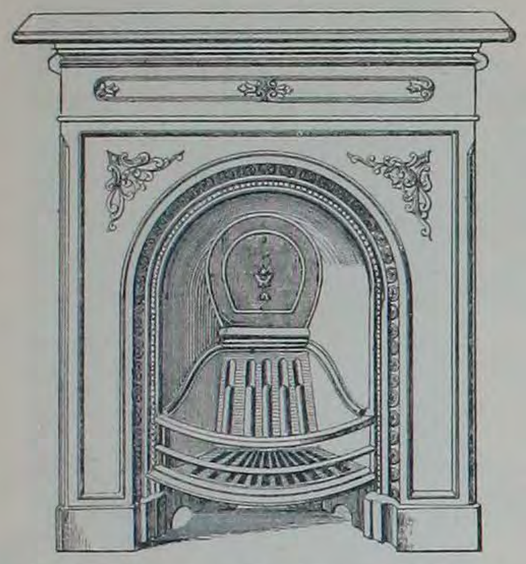
T 3114.—Berlin Blacked	6/-	pair
T 3115.—Ditto, Brass Bar and Supports	7/-	,,
T 115.—Ditto, Brass Knobs	14/9	,,
T 3116.—Ditto, Brass Knob	14/6	,,
T 3117.—Polished Brass	22/-	,,
Ditto, Smaller	16/6	,,
T 3118.—Polished Brass	7/-	,,
T 3119.—Ditto	9/3	,,
T 125.—Ditto	30/-	,,

FENDER KERBS.

T 131.—Ground and Berlin Blacked	12/6
T 3120.—Berlin Blacked	12/-
T 3121.—Ground and Berlin Blacked	12/9
T 3122.—Ditto, with Brass Knobs and Moulding ...	26/6
T 3123.—Ditto, with Brass Rail and Supports ...	29/6
T 3124.—Ditto, ditto, ditto, ...	18/6
T 3125.—Ditto, with Brass Top and Brass Rail and Supports	27/3
T 3126.—Ditto, with Brass Rail and Supports	22/3
T 3127.—Ditto, Ditto Ditto	27/6
If All Brass Dog Ends	35/-
T 3128.—Ground and Berlin Blacked with Brass Rail and Supports	25/-
T 3129.—Ditto, with Brass Moulding and Knobs ...	59/6
T 3130.—Ditto, with Brass Rail and Moulding ...	71/9

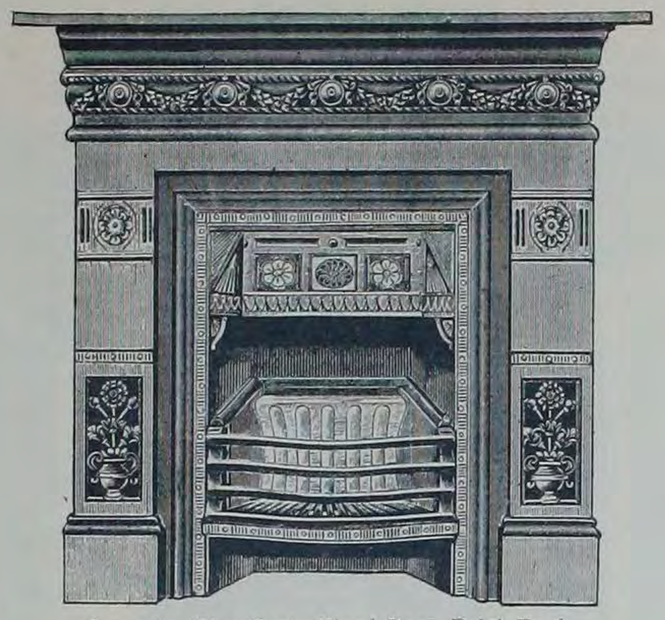
Above prices for usual sizes up to about 4-ft. 6 in. × 12-in. wide inside. Special sizes will be quoted for.

MANTEL REGISTERS.



C 165. Fine Cast, Fixed Bars, Brick Back.

18 in.	20 in.	22 in.	24 in,	26 in.	28 in,	30 in. × 38 in.
8 in.	10 in.		12 in.		14 in.	
32 in.	34 in.	36 in.	38 in. × 40 in. high.			
16 in.			fire.		5d. per in.	



C 3138. Fine Cast, Fixed Bars, Brick Back.

24 in. wide × 36 in. high × 13 in. fire	...	£0	11	6	each.
30 in. ,, 38 in. ,, 15 in. ,, ...	...	0	15	0	,,
36 in. ,, 40 in. ,, 17 in. ,, ...	...	0	18	6	,,

If with Ashes Guard, 1/- each extra.

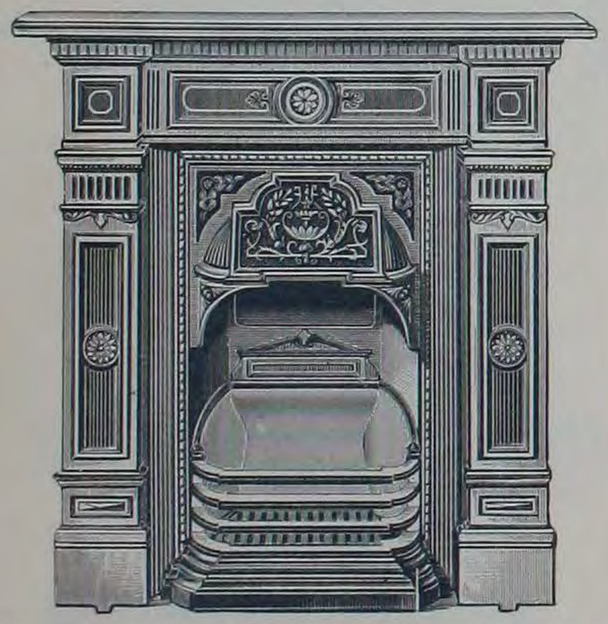


C 167. Fine Cast, 42 in. high, Loose Bars, Brick Back.

32	34	36 in. wide.
13	15	17 in. fire.
19/6	20/6	21/6 each.

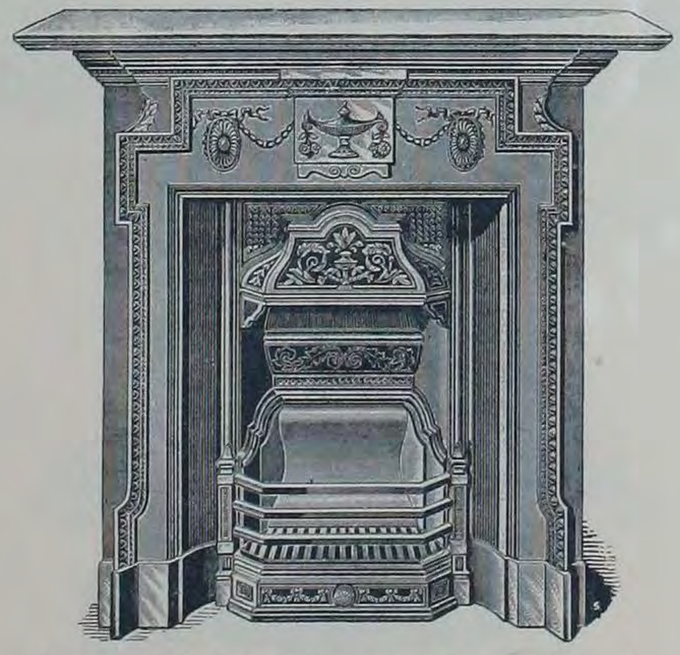
Mantel Shams same pattern.

32	34	36 in. wide.
15/-	16/9	17/9 each.



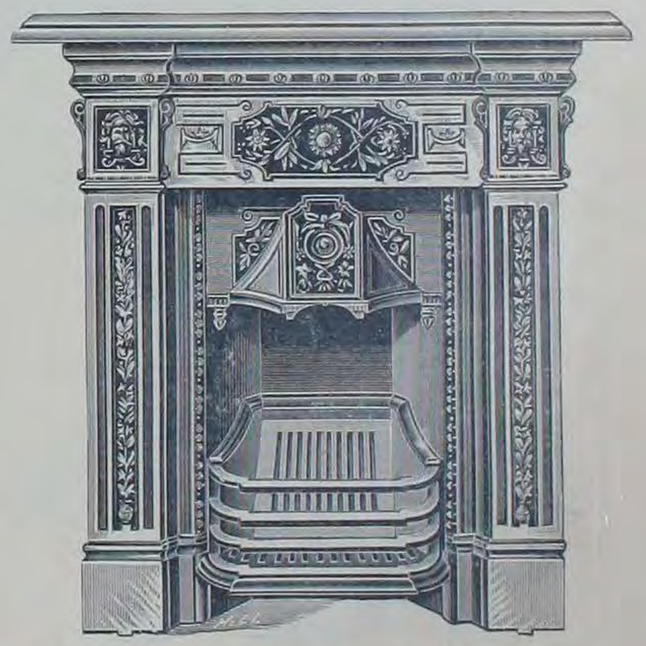
C 168. Fine Cast, painted one coat, Brick Back and Sides, Loose Bars and Ashes Guard.

24 in. wide × 37 in. high × 11 in. fire	...	£1	2	6	each.
30 in. ,, 40 in. ,, 13 in. ,,	...	1	6	6	,,
36 in. ,, 42 in. ,, 15 in. ,,	...	1	10	9	,,



C 3139. Fine Cast, painted one coat, Loose Bars and Ashes Guard.

30 in. wide × 42 in. high × 14 in. fire	...	£1	6	0	each.
36 in. ,, 42 in. ,, 16 in. ,, ...	...	1	10	0	,,



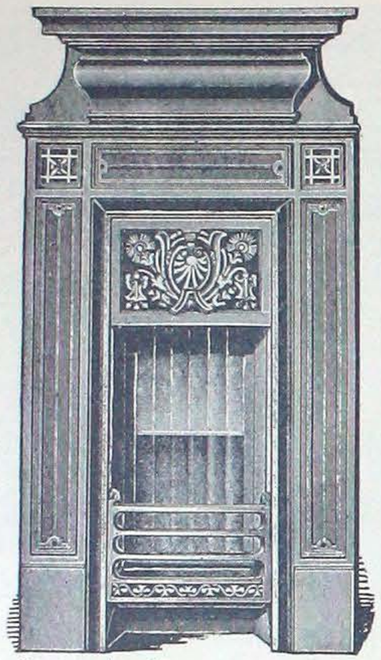
C 170. Fine Cast, painted one coat, Brick Back, Loose Bars.

36 in. wide × 45 in. high × 18 in. fire ... £1 11 6 each.

Can also be had with 16 in. fire same price.

Widths given are outside of Jambs. Further details will be sent on application.

MANTEL REGISTERS.



C 3140. Fine Cast, painted one coat, Solid Brick Back and Sides, Loose Bars.

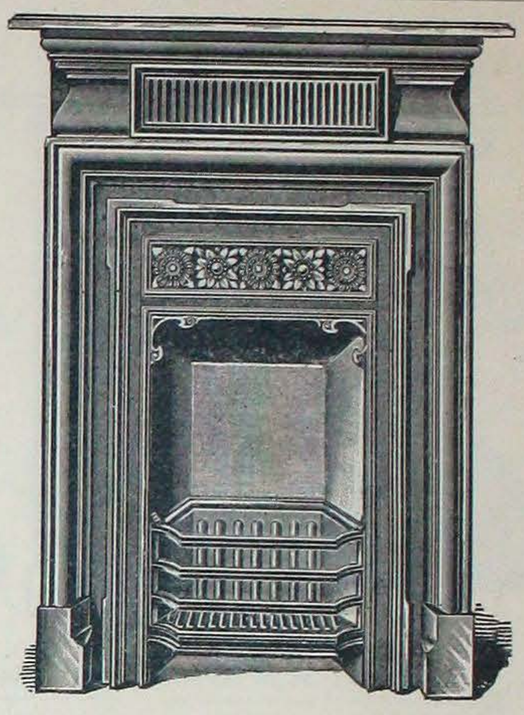
25 in. wide × 48 in. high × 12 in. Fire	...	...	£1 11 9
28 in. ,, × 49 in. ,, × 14 in. ,,	...	...	1 18 0
31 in. ,, × 49 in. ,, × 16 in. ,,	...	..	2 5 0

If with Ashes Guard, 2/3 extra.



C 3141. Fine Cast, painted one coat, with Brick Back and Sides ... ... each £1 18 6

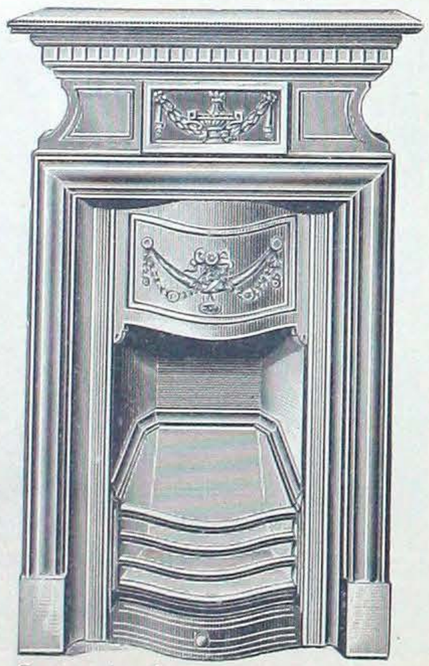
24 in. wide × 48 in. high × 12 in. Fire; Width over Shelf, 27 in.



C 3142. Fine Cast, painted one coat, Loose Bars.

24 in. wide × 45 in. high × 12 in. Fire	...	...	£1 12 6
30 in. ,, × 47½ in. ,, × 15 in. ,,	...	..	1 19 6
36 in. ,, × 49 in. ,, × 18 in. ,,	...	...	2 6 0

If with Ashes Guard, 1/6 extra.

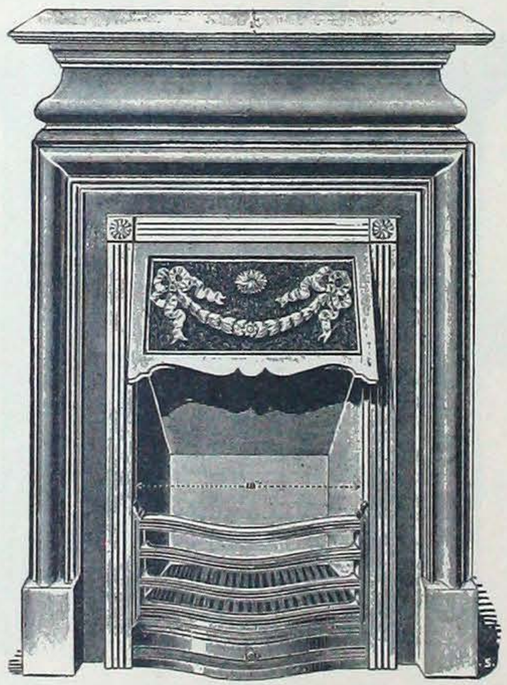


C 175 Fine Cast, painted one coat, Fire-brick Back, Loose Bars and Ashes Guard, Grated Bottom.

30 in. wide × 3 ft. 11 in. high, shelf 2 ft. 10½ in. long, 16 in Fires, £2 2 0 each.

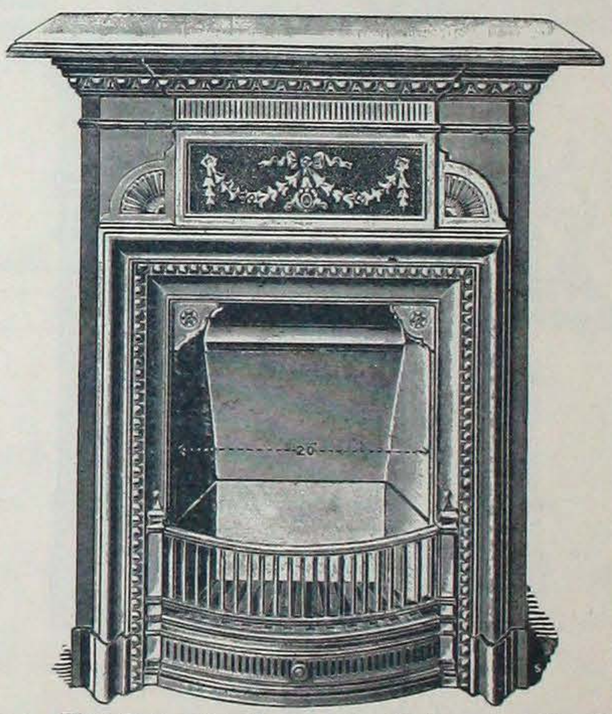
If with Sliding Blower, 5/6 extra.

Can also be had with Brick Bottom at same price.



C 3143. Fine Cast, painted one coat, fitted with Adjustable Canopy. Improved Brick Back and Sides, Loose Bars and Ashes Guard.

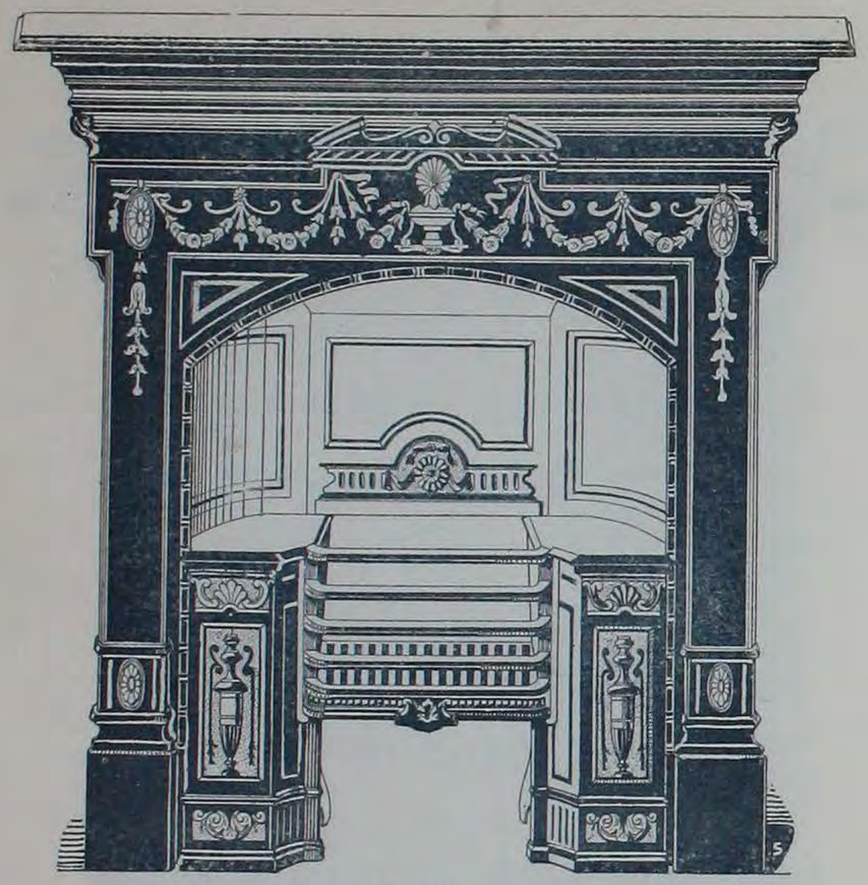
32 in. wide × 47 in. high × 16 in. and 18 in. Fires £2 5 6



C 3144. Fine Cast, painted one coat, with Improved Fire Brick Back in two parts, Loose Bars and Ashes Guard,

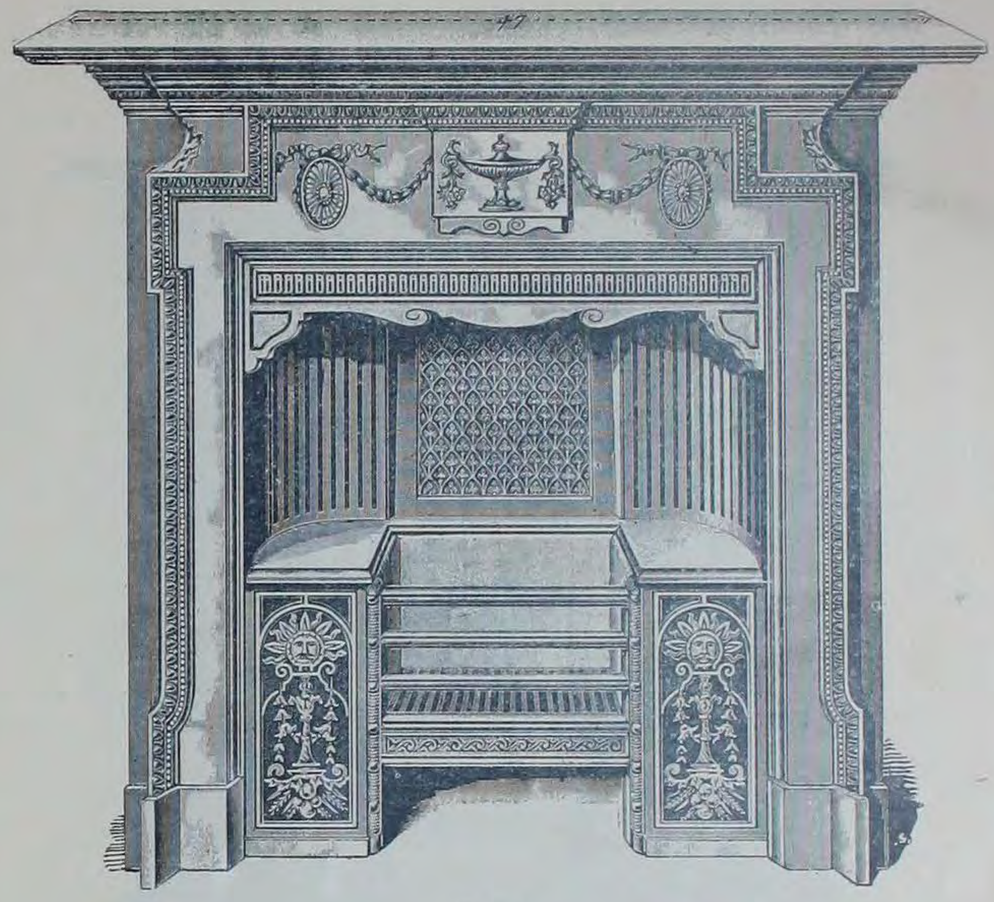
36 in. wide × 50 in. high × 20 in. Fire £3 13 6

Widths given are outside of Jambs. *Further details will be sent on application.*



C 3148.

Fine Cast, painted one coat, 36 in. wide × 46½ in. high × 12 in. fire £2 0 0
If with Tile Coves instead of Iron ... ... from 2 12 6



C 3149.

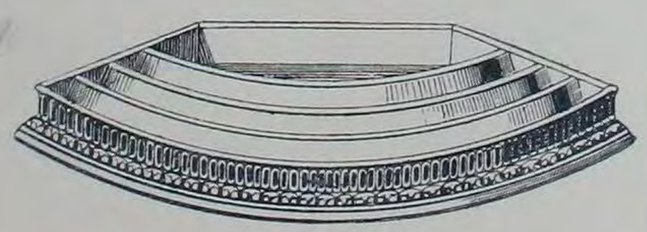
Fine Cast, painted one coat, 41½ in. wide × 47 in. high × 15 in. fire £3 0 0

ASHES PANS.



T 190.

Berlin Blacked, with bright Beads and Moulding ... 15/-
,, ,, brass ,, ,, ... 16/6
Best finished, ,, bright ,, ,, ... 26/6
,, ,, brass ,, ,, ... 33/6



T 194.

Best finish, Berlin Blacked, with black or bright Venetians, bright Beads and Moulding 26/6
Ditto, ditto, brass Beads and Moulding 33/6

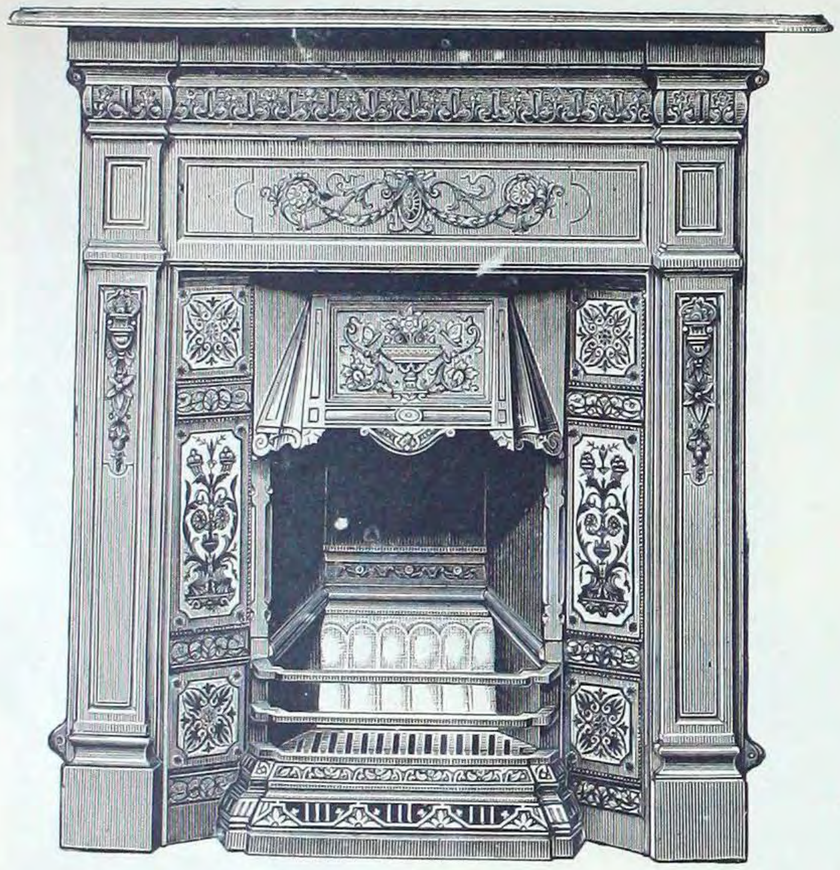


T 197.

Gadroon pattern, with bright Moulding and Rays ... 44/-
,, ,, brass Moulding and Rays 52/6

Widths given are outside of Jambs. *Further details will be sent on application.*

MANTEL REGISTERS WITH TILE SIDES.



C 3150.

Fine Cast, painted one coat, Loose Bars, Brick Back and Ashes Guard with plain printed Tiles.

35 in. wide × 46 in. high × 14 in. fire	£1 8 6
38 in. ,, × 46 in. ,, × 16 in. ,, ...	1 9 9
If Panels similar to Illustration	2/6 extra.

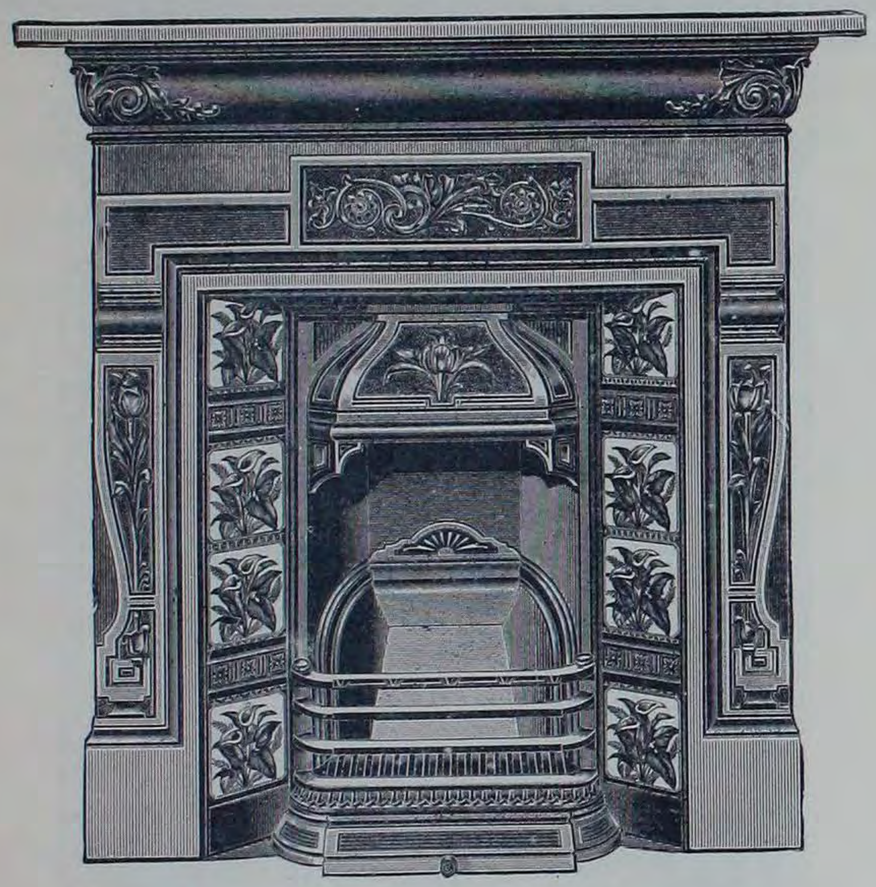


C 3151.

Fine Cast, painted one coat, Loose Bars, Brick Back and Ashes Guard with plain printed Tiles.

36 in. wide × 48 in. high × 14 in. fire	£1 11 6
39 in. ,, × 48 in. ,, × 16 in. ,, ...	1 13 6
If Panels similar to Illustration	2/6 extra.

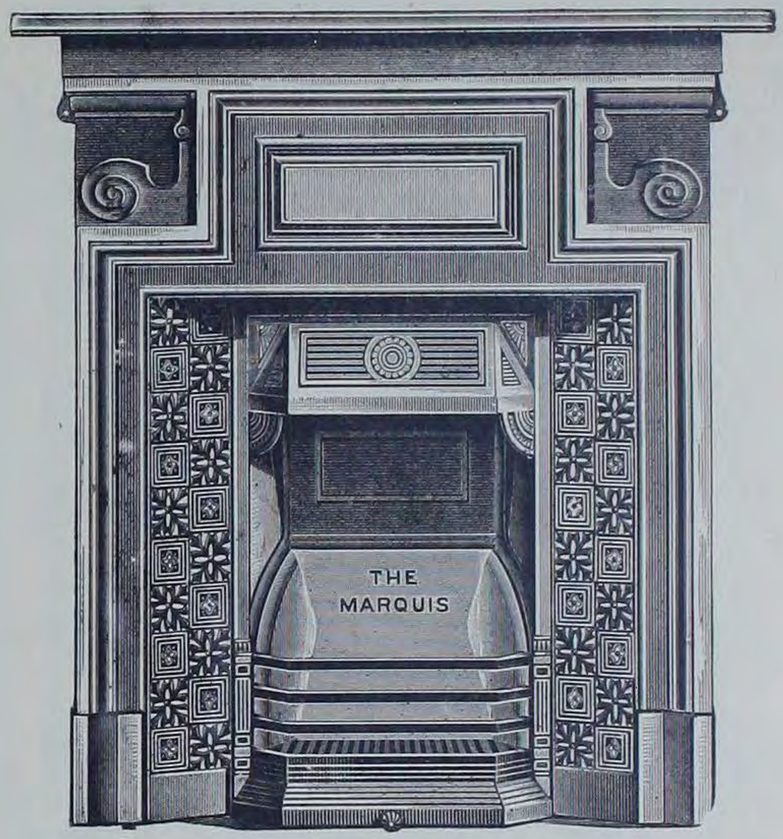
Widths given are outside of Jambs. *Further details will be sent on application.*



C 3167.

Fine Cast, painted one coat, Loose Bars, Brick Back, Ashes Guard, Lift-off Canopy, with Plain Printed Tiles.

40 in. wide × 48 in. high × 16 in. Fire	£1 17 6
If Panels similar to illustration	2/6 extra.



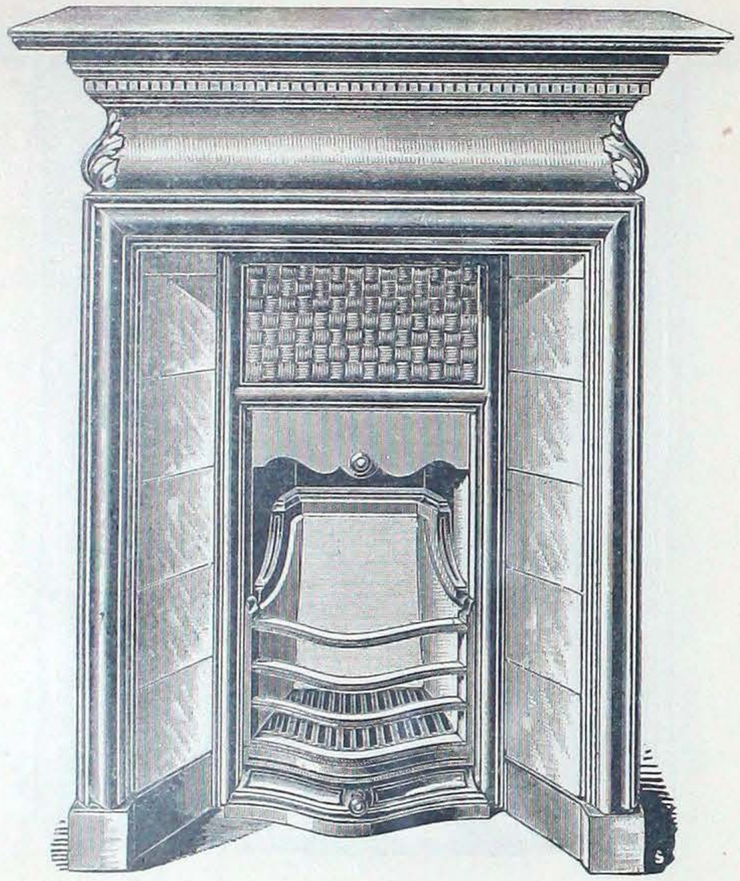
C 3153.

Fine Cast, painted one coat, Loose Bars, Brick Back and Sides, and Ashes Guard, with Plain Printed Tiles.

36 in. wide × 50 in. high × 18 in. Fire	£2 3 0
40 in. ,, × 50 in. ,, × 18 in. ,, ...	2 6 6
If Tiles similar to illustration	2/6 extra.

Widths given are outside of Jambs *Further details will be sent on application.*

MANTEL REGISTERS WITH TILE SIDES.

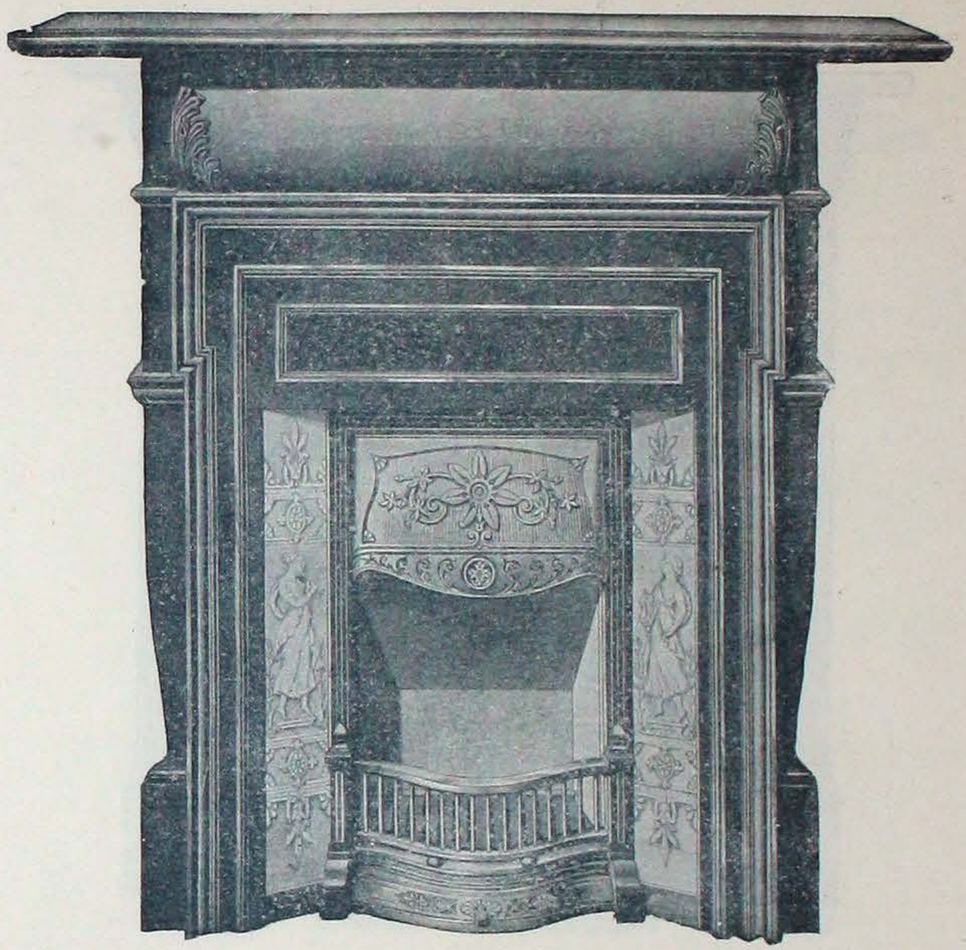


C 3154.

Fine Cast, painted one coat, Loose Bars, Brick Back, Sliding Blower, and Ashes Guard, with Plain Enamelled Tiles.

32 in. wide × 47 in. high × 13 in. Fire £2 10 0

Shelf, 35 in. long × 6½ in. deep.



C 3169.

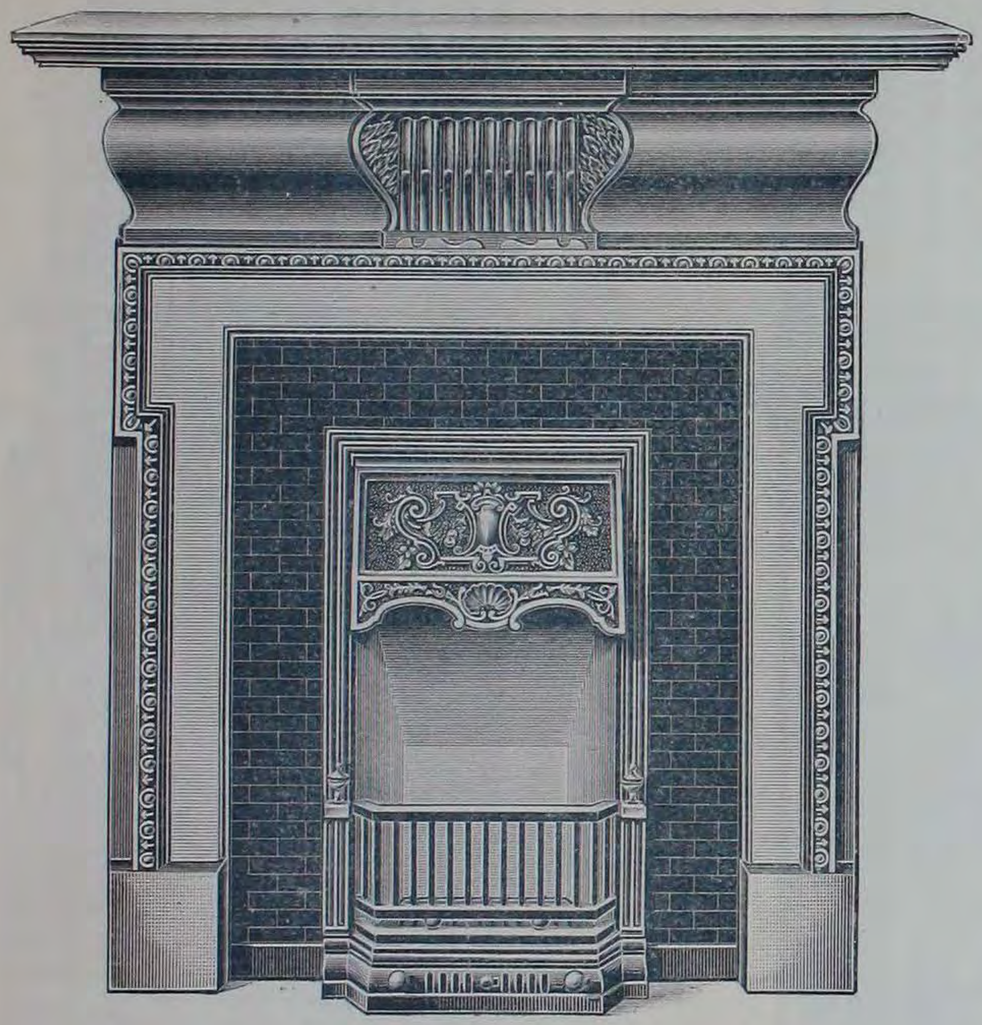
Fine Cast, painted one coat, Loose Bars, Improved Brick Back and Sides, and Ashes Guard, Adjustable Canopy, Coloured Tiles and Strips.

42 in. wide × 54 in. high × 18 in. Fire £2 17 6

If Panels similar to illustration ... ... from 7/6 extra.

Widths given are outside of Jambs. *Further details will be sent on application.*

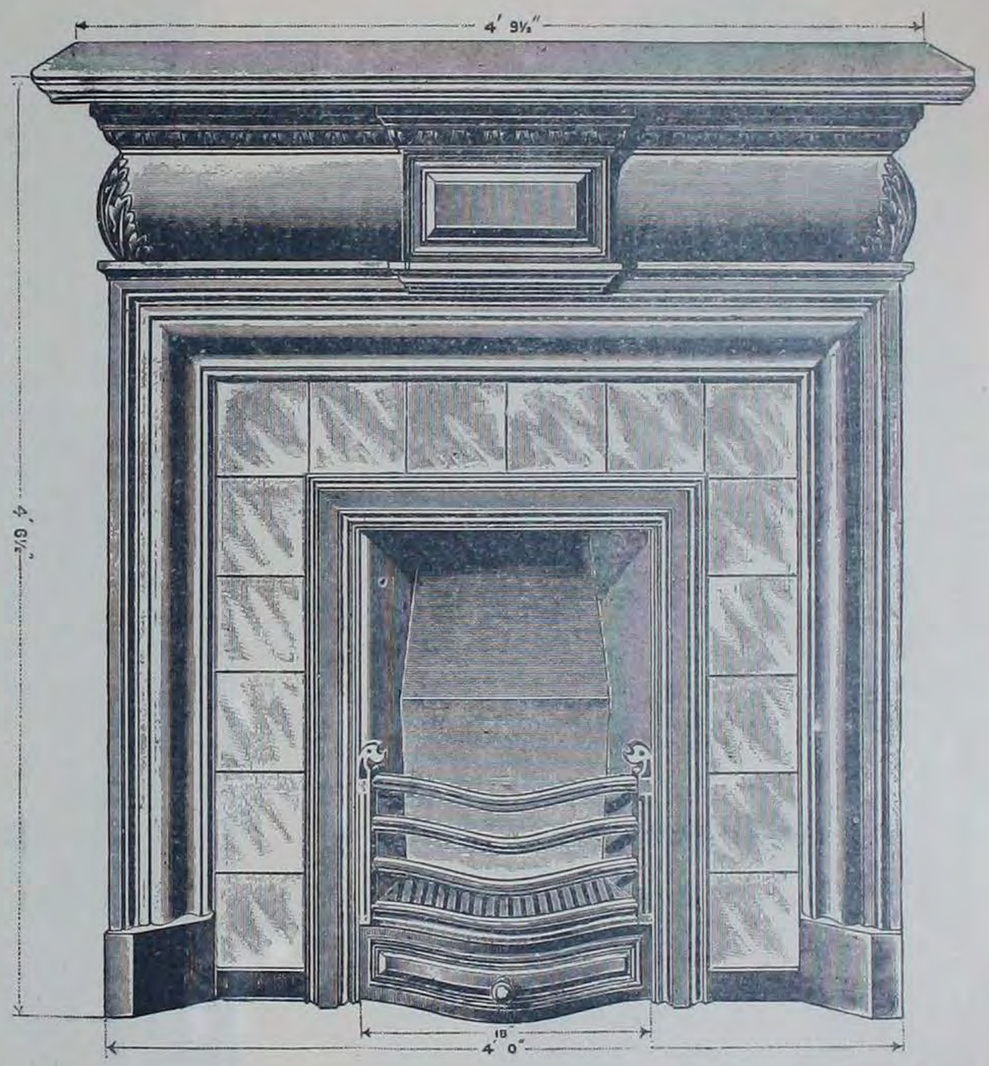
MANTEL REGISTERS WITH TILES.



C 3156.

Fine Cast, painted one coat, Loose Bars, Improved Brick Back and Sides, Adjustable Canopy, Ashes Guard, Tiles as illustration, 43 in. wide × 54 in. high × 16 in. fire £4 18 6

Double Shelf 51 in. long × 9 in. deep.



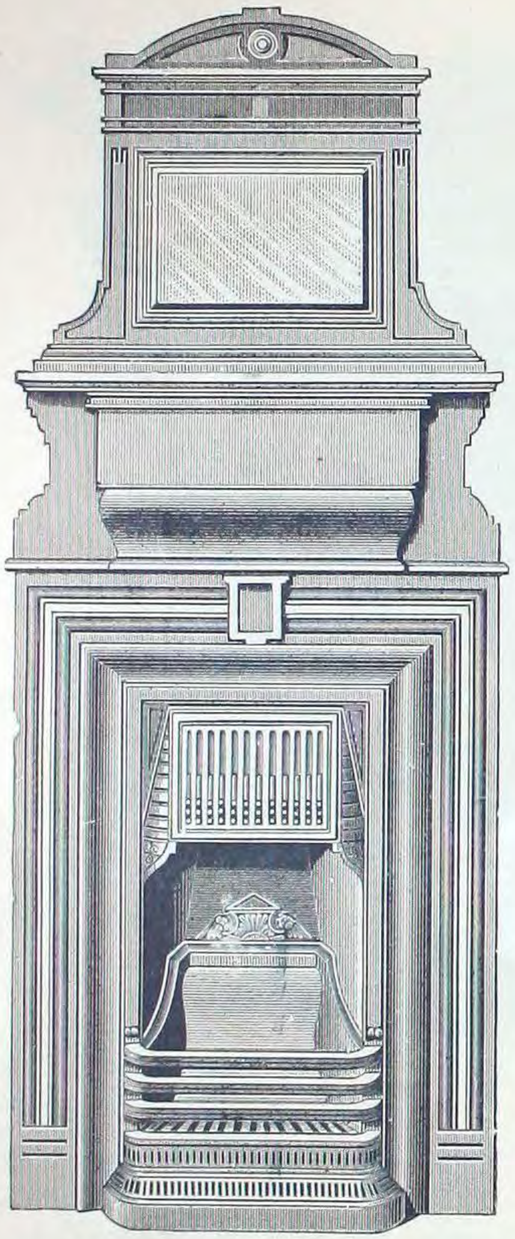
C 3168.

Fine Cast, Painted one coat, Loose Bars, Improved Solid Brick Back and Sides, and Ashes Guard, with Plain Enamelled Tiles, 48 in. wide × 54½ in. high × 18 in. fire £4 18 0

Double Shelf 57½ in. long × 8 in. deep.

Widths given are outside of Jambs. *Further details will be sent on application.*

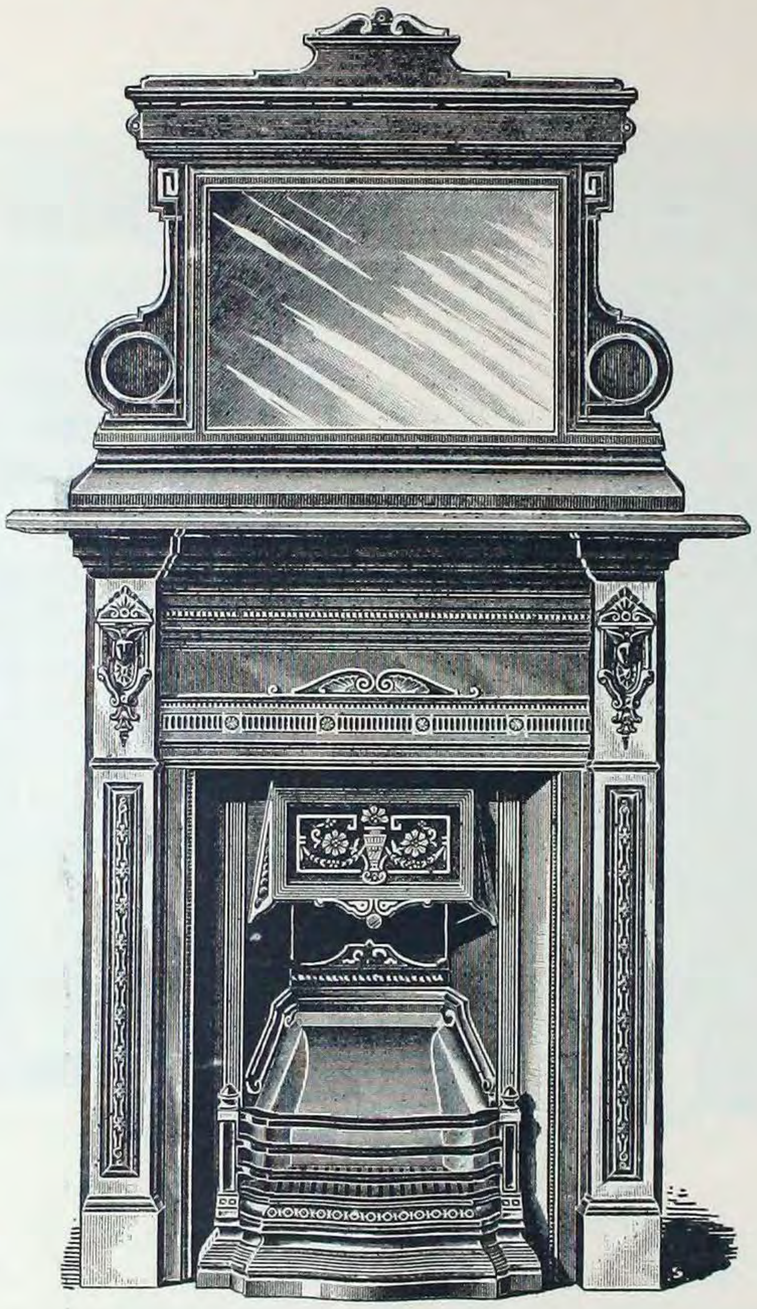
MANTEL REGISTERS WITH OVERMANTELS.



C 3158.

Fine Cast, painted one coat, Loose Bars, Lift-off Canopy and Ashes Guard, and Bevelled edge Mirror, Mantelpiece 30 in. wide × 51 in. high over shelf × 14 in. Fire, Overmantel 22 in. high. Price complete £2 6 3

Mantel Register only 1 6 6

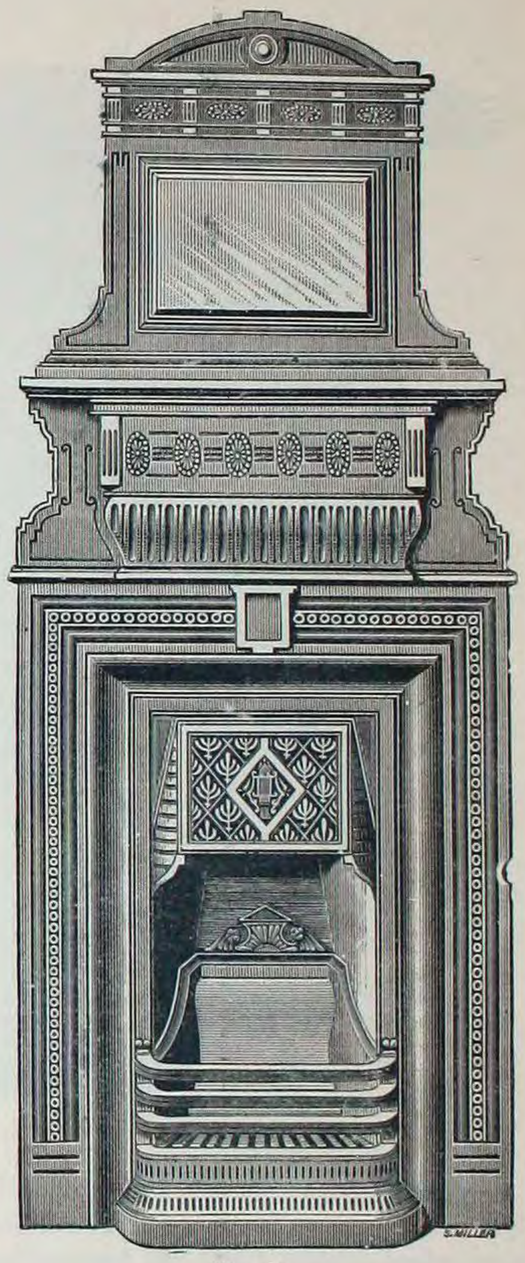


C 3159.

Fine Cast, painted one coat, Brick Back and Sides, Loose Bars and Ashes Guard, and Flat Mirror, Mantelpiece 36 in. wide × 46 in. high over shelf × 16 in. Fire, Overmantel 36 in. wide × 30 in. high. Price complete £2 1 6

Mantel Register only 1 4 6

If with Bevelled edge Mirror ... ... 5/- extra.

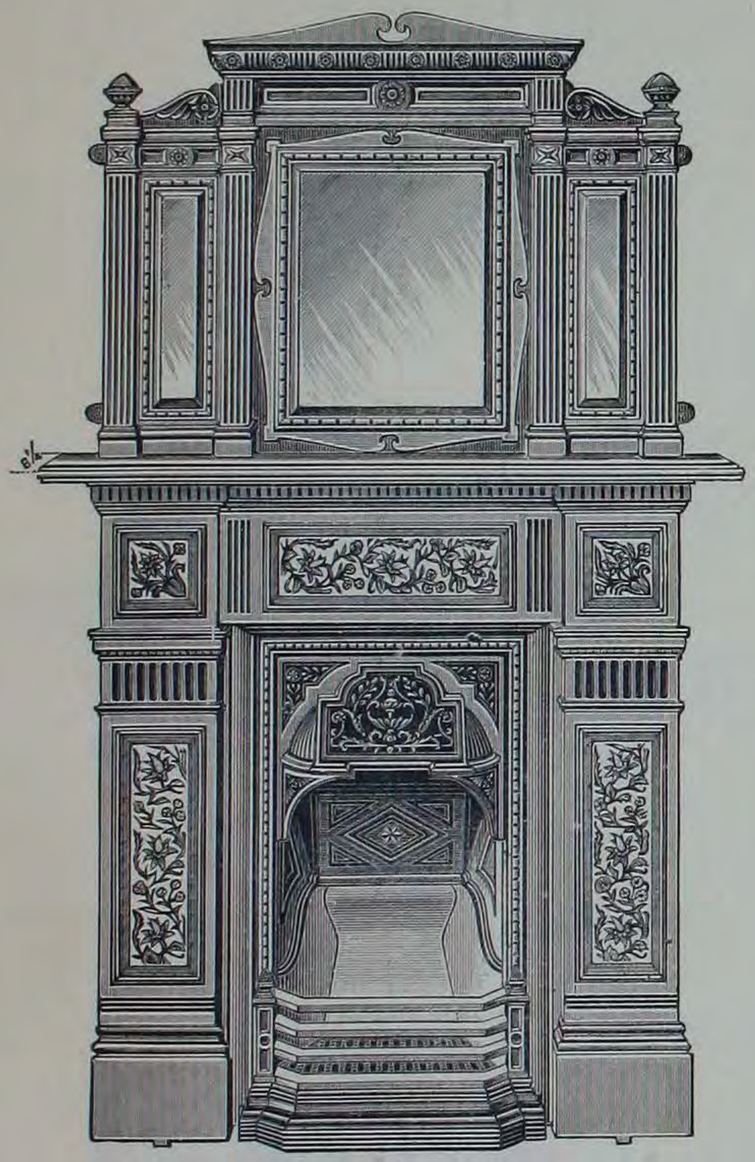


C 3160.

Fine Cast, painted one coat, Loose Bars, Lift-off Canopy and Ashes Guard, and Bevelled edge Mirror, Mantelpiece 30 in. wide × 51 in. high over shelf × 14 in. Fire, Overmantel 22 in. high. Price complete £2 6 3

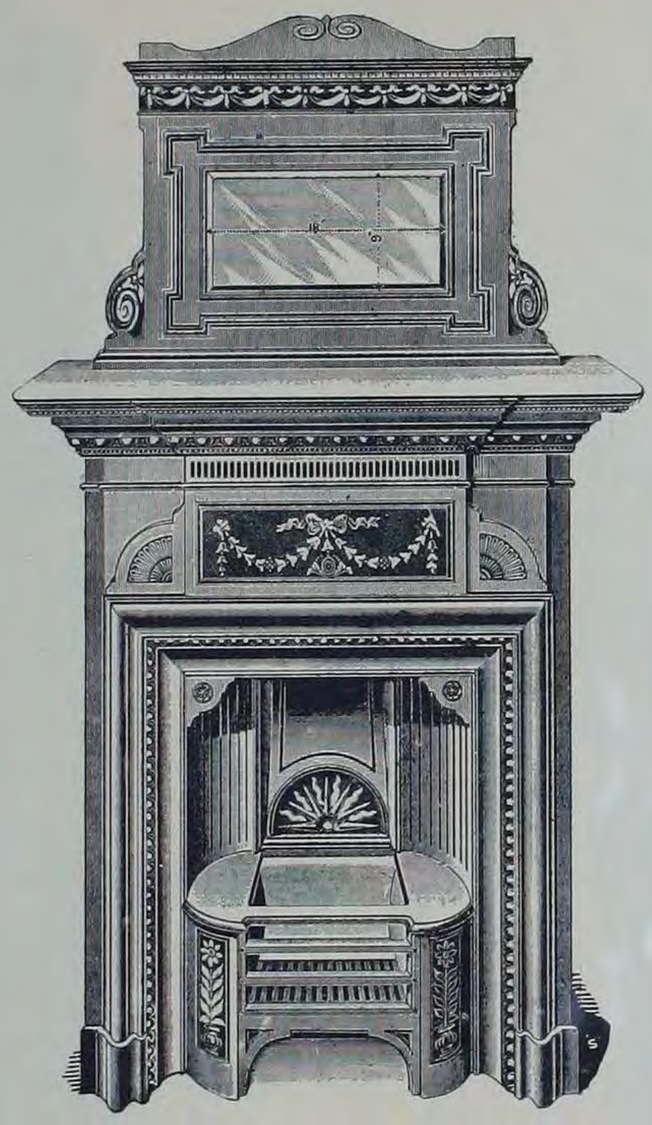
Mantel Register only 1 6 6

Widths given are outside of Jambs. *Further details will be sent on application.*



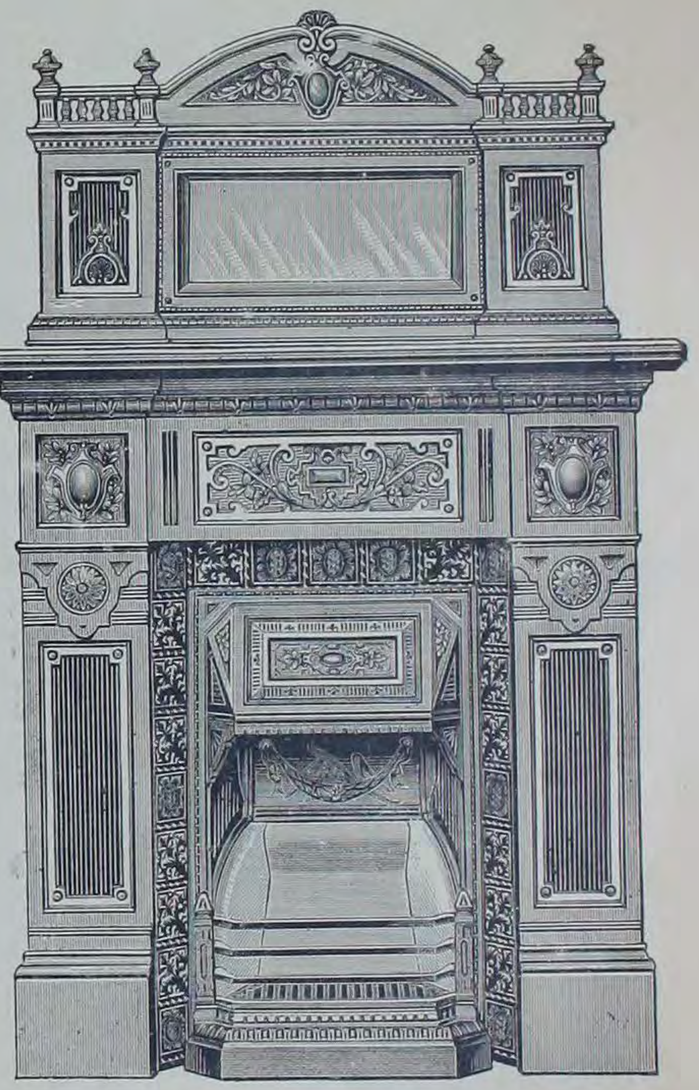
C 3161.

Mantelpiece, 42 in. wide × 48 in. high × 17 in. Fire, Fine Cast, painted one coat, Brick Back and Sides, Lift off Canopy, Loose Bars and Ashes Guard. with Tiles as illustrated	£3	1	6
If with Iron Panels instead of Tiles	2	8	6
Overmantel as illustrated, 42 in. wide × 31½ in. high, with Bevelled Edge Mirrors, extra	2	1	3



C 3162.

Mantelpiece, 36 in. wide × 50 in. high × 13 in Fire Fine Cast, painted one coat, Brick Back, with Register Door and Frame, and Fall Door in Back Coving	£3	4	3
If Interior Ground and Berlin Blacked...	3	9	9
Overmantel as illustrated, 35½ in. wide × 27¼ in. high, with Bevelled Edge Mirror, extra	1	5	9



C 184.

Mantelpiece, 42 in. wide × 49 in. high × 17 in. Fire, Fine Cast, painted one coat, with Coloured Tiles, Interior Berlin Blacked, Loose Bars, Grated Bottom and Ashes Guard...	£3	16	3
Do., best finished, Enamelled Oak, Walnut, &c., Ground and Blacked Interior	6	5	0
Overmantel as illustrated, 43½ in. wide × 24½ in. high, Fine Cast, painted one coat, with Bevelled Edge Mirror, extra	1	17	0
Do., best finished, Enamelled Oak, Walnut, &c. extra	3	9	0
Can also be had with solid bottom Slow Combustion Fire, extra	0	2	6

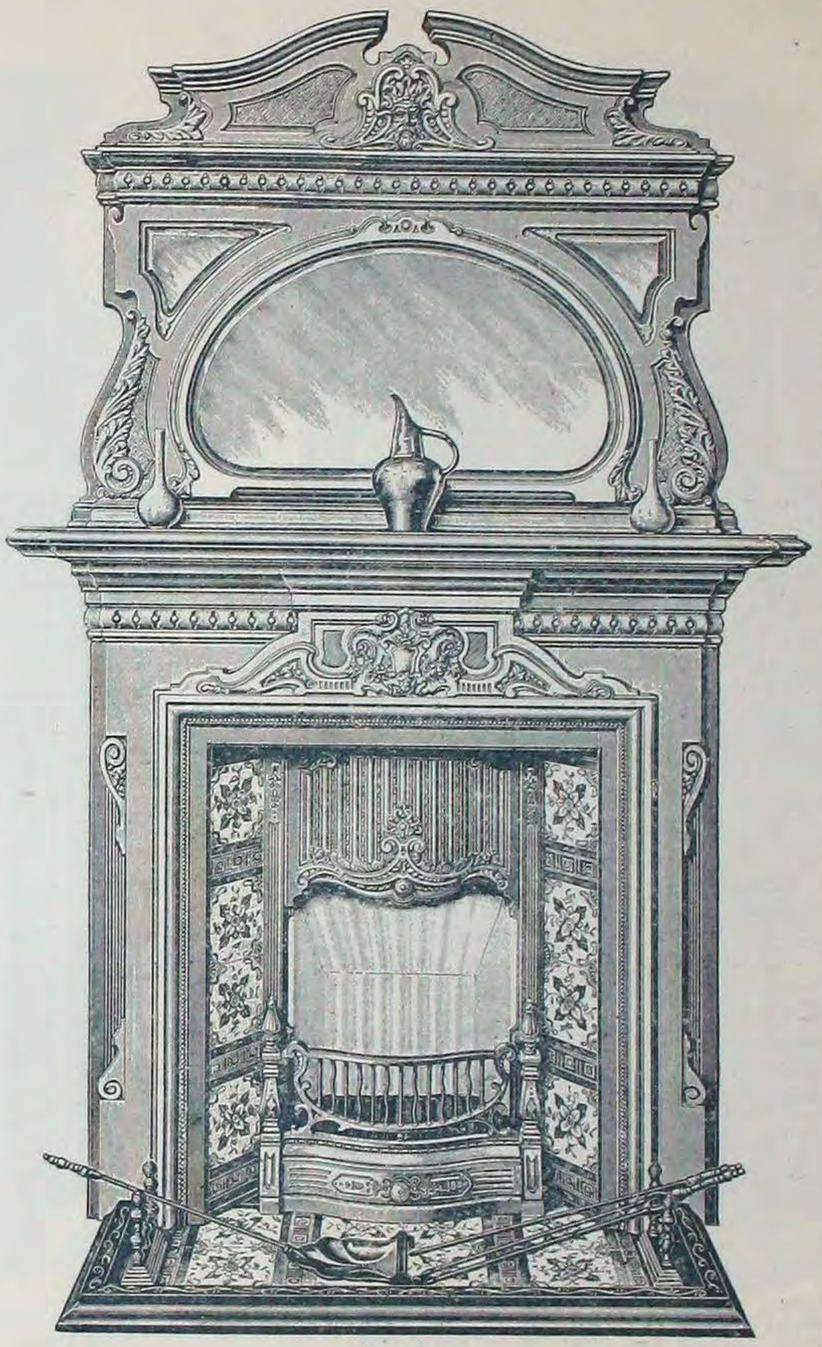
Widths given are outside of Jambs. *Further details will be sent on application.*

Mantel Registers with Tile Sides and Overmantels.



C 3163.

Mantelpiece 44 in. wide × 52 in. high × 15 in. fire, Fine Cast, painted one coat, Loose Bars, Brick Back, Sliding Blower and Ashes Guard	£4	5	6
If Interior Ground and Berlin Blacked	4	9	6
Overmantel as illustrated, 44 in. wide × 37 in. high, with Bevelled edge Mirror	2	6	0

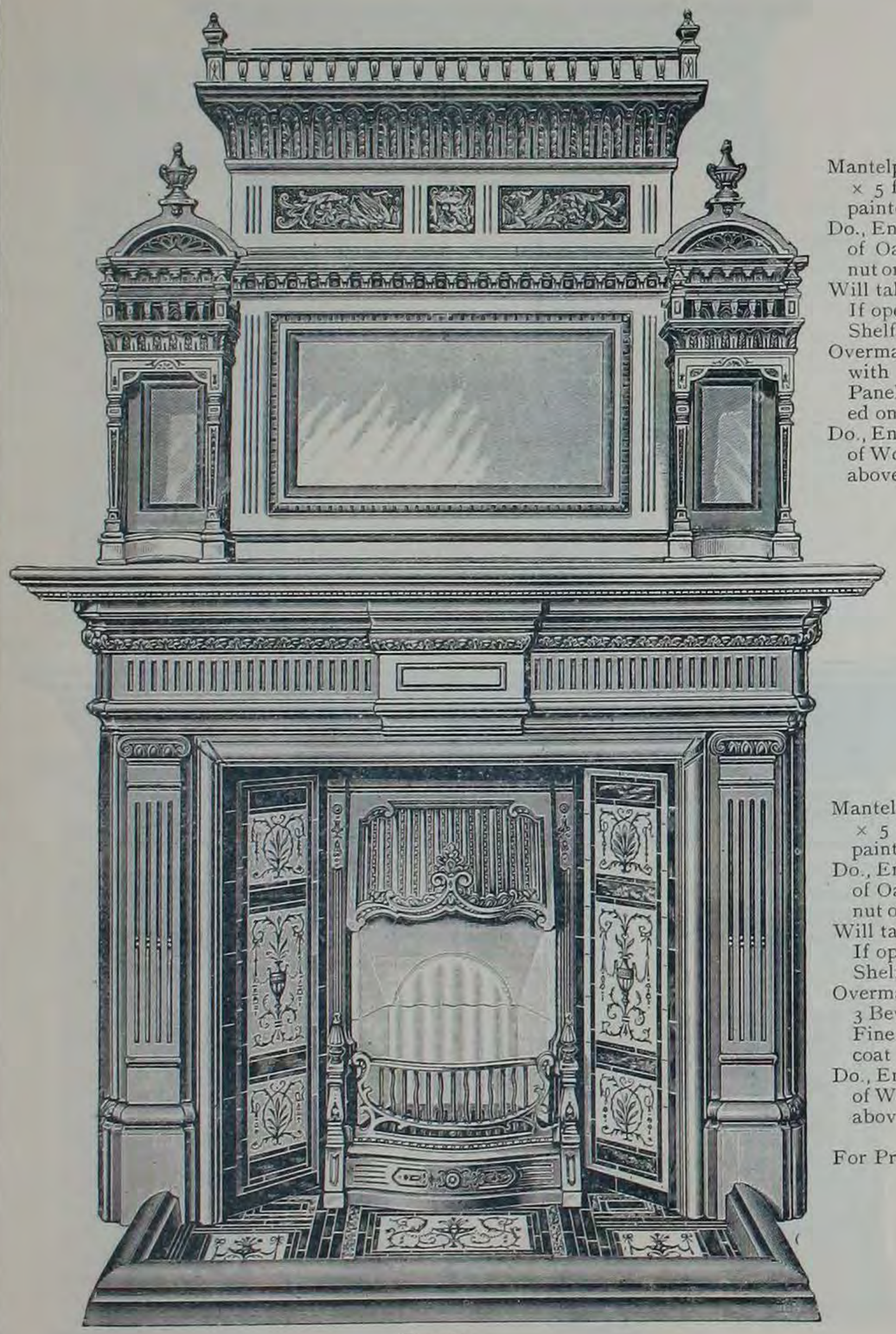


C 3164.

Mantelpiece 48 in. wide and 52 in. high × 18 in. fire, Fine Cast, painted one coat, Loose Bars, Improved Brick Back and Sides, Adjustable Canopy and Ashes Guard ...	£4	18	6
Ditto, Enamelled in imitation of Oak, Walnut, Rosewood, or Marble, Best Quality ...	9	5	0
Overmantel as illustrated, 51 in. wide × 39 in. high, with Bevelled edge Mirrors, Fine Cast, painted one coat	4	5	6
Ditto, Enamelled in imitation of Woods or Marbles as above	6	10	6

Prices of Tile Hearth, Kerb, Fire Irons, &c., on application.

Widths given are outside of Jambs. *Further details will be sent on application*



C 3165.

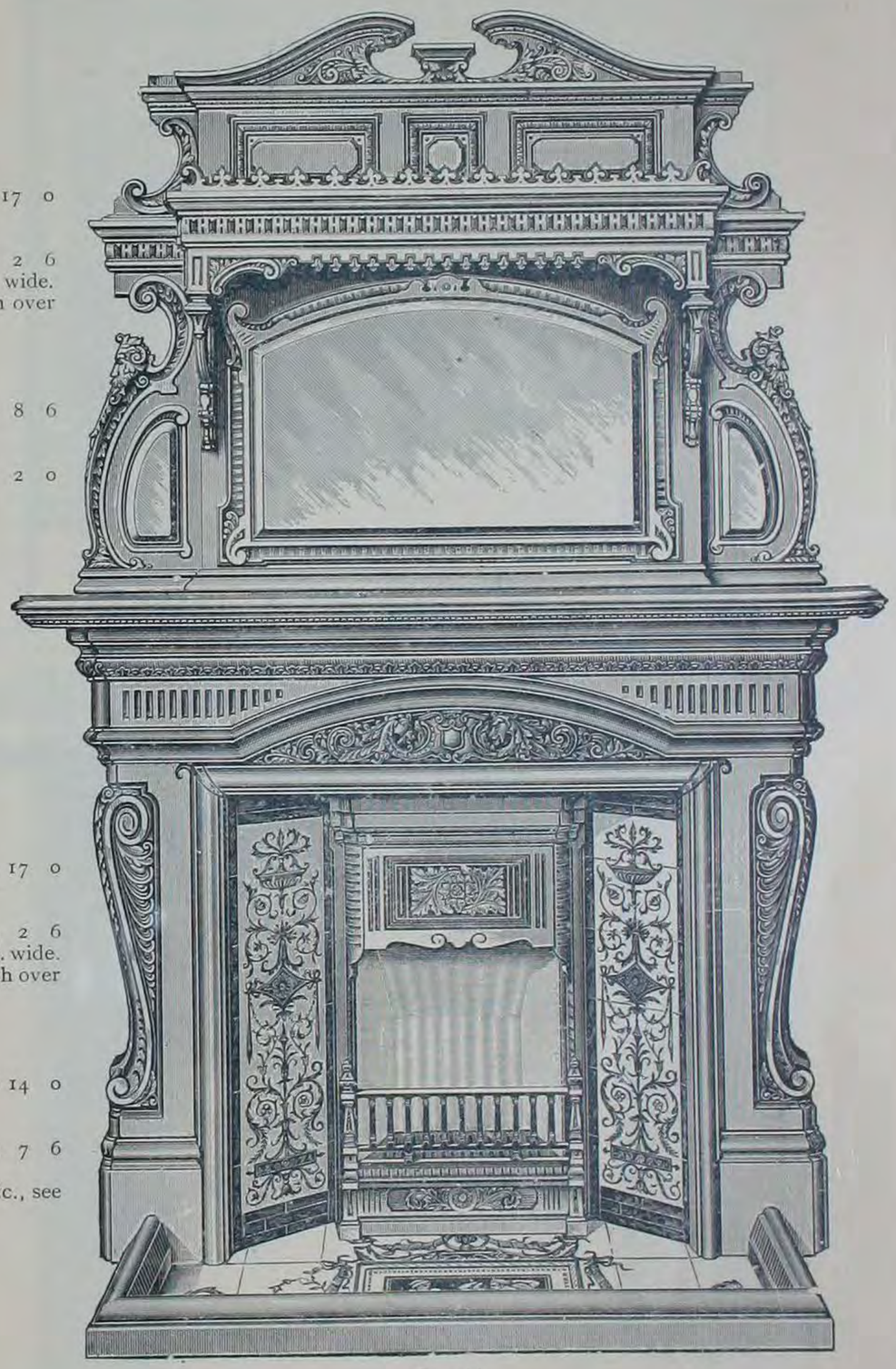
C 3165.

Mantelpiece, 4 ft. 6 in. high × 5 ft. wide, Fine Cast, painted one coat ... £3 17 0
Do., Enamelled in Imitation of Oak, Rosewood, Walnut or Marble, Best Quality 9 2 6
Will take Grates 38 in. or 40 in. wide. If opening is 40 in. wide, width over Shelf is 5 ft. 11 in.
Overmantel, 4 ft. 2 in. high, with Bevelled Glass Panels, Fine Cast, painted one coat £6 8 6
Do., Enamelled in Imitation of Woods and Marbles as above £12 2 0

C. 3166.

Mantelpiece, 4 ft. 6 in. high × 5 ft. wide, Fine Cast, painted one coat ... £3 17 0
Do., Enamelled in Imitation of Oak, Rosewood, Walnut or Marble, Best Quality 9 2 6
Will take Grates 38 in. or 40 in. wide. If opening is 40 in. wide, width over Shelf is 5 ft. 11 in.
Overmantel, 4 ft. high, with 3 Bevelled Glass Panels, Fine Cast, painted one coat £6 14 0
Do., Enamelled in Imitation of Woods or Marbles, as above 12 7 6

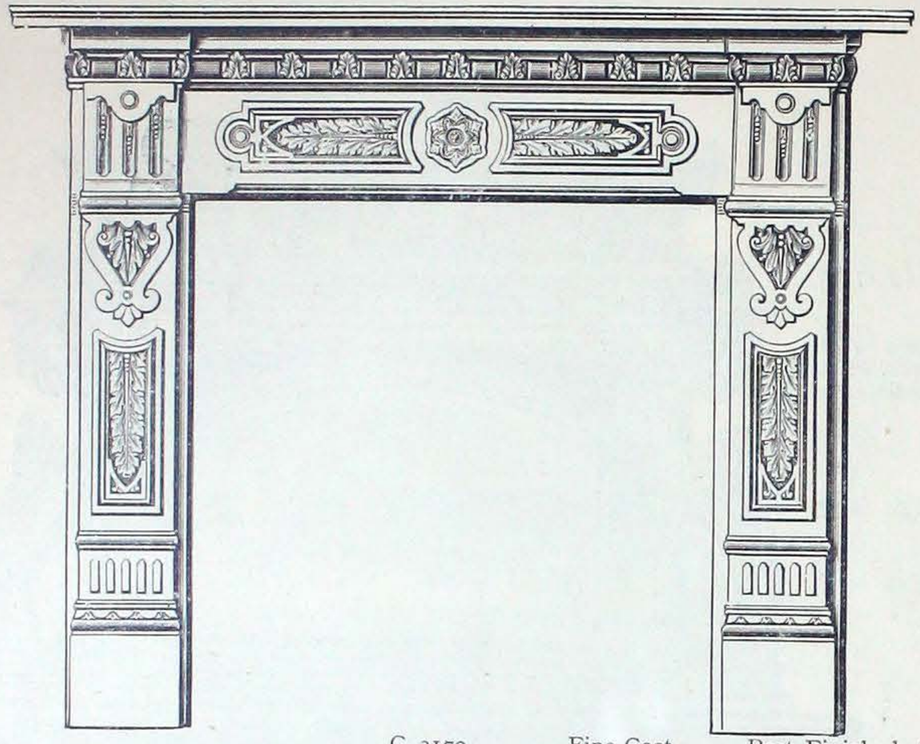
For Prices of Grates, Kerbs, &c., see Special Illustrations.



C 3166.

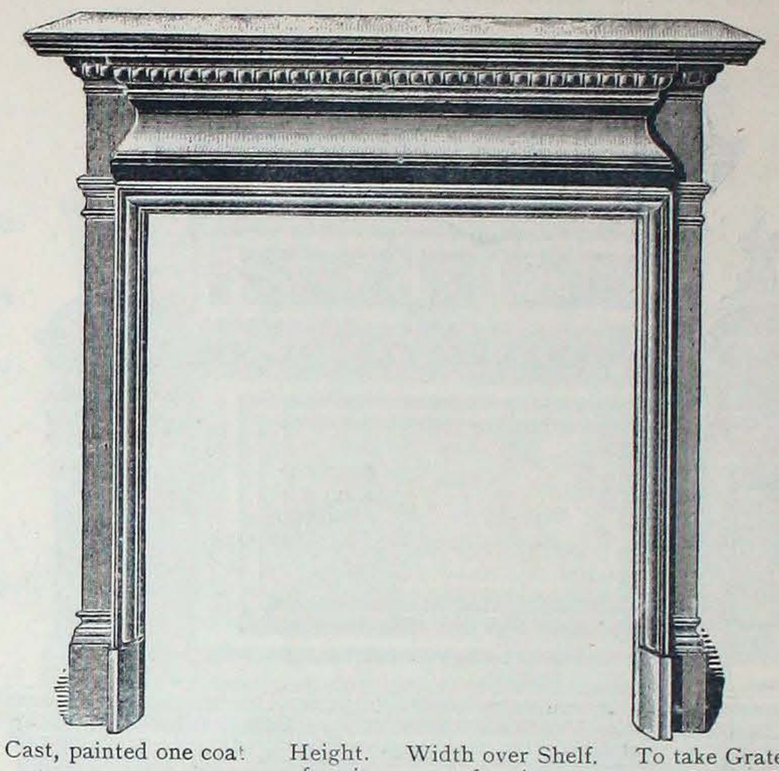
Widths given are outside of Jambs. Further designs sent on application.

IRON MANTELPIECES.



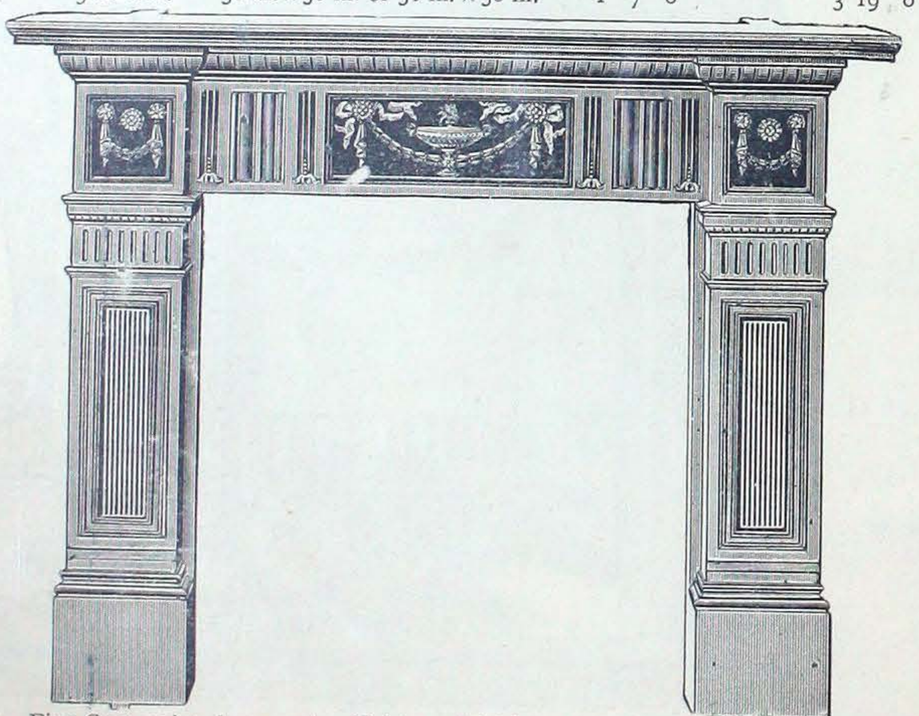
C 3170.

Height.	Width over Shelf.	To take Grates.	Fine Cast, painted one coat.	Best Finished, Enamelled, Oak, Walnut, &c.
4 ft. 1 in.	4 ft. 6 in.	30 in. × 36 in.	£1 6 0	£3 10 6
4 ft. 1 in.	4 ft. 8 in.	32 in. × 36 in. or 34 in. × 36 in.	1 6 6	3 15 0
4 ft. 3 in.	5 ft. 0 in.	36 in. × 38 in. or 38 in. × 38 in.	1 7 0	3 19 0



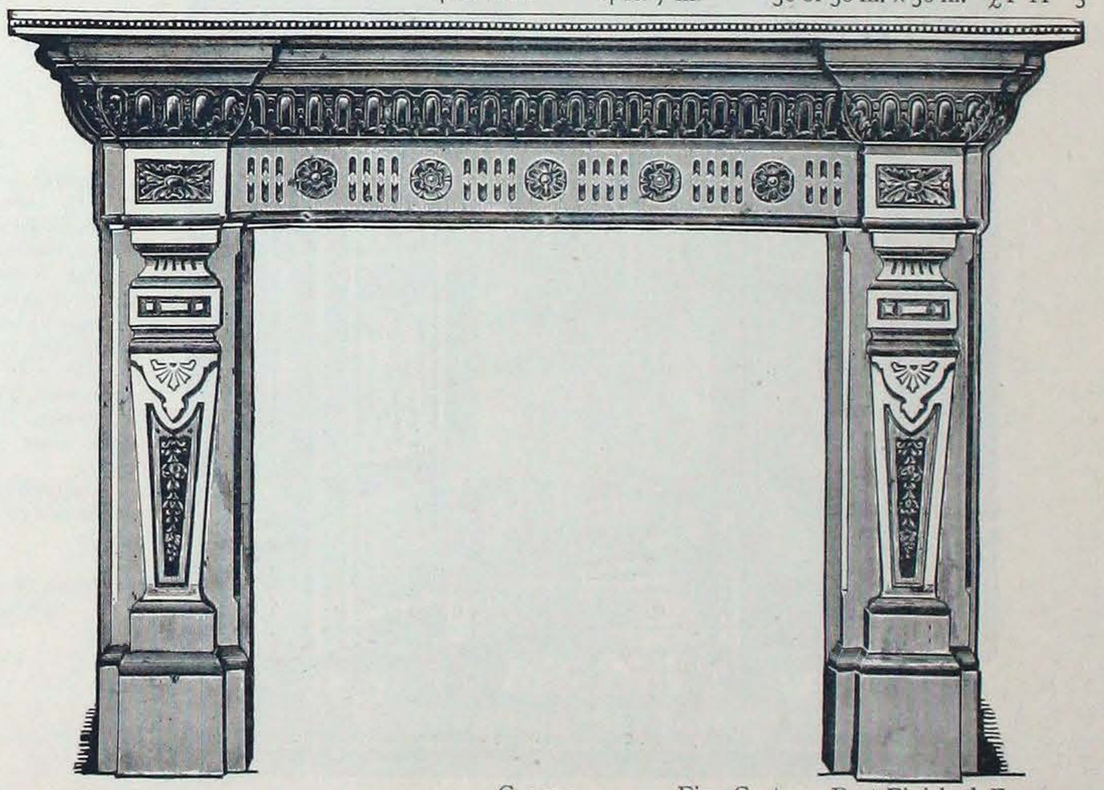
C 3171. Fine Cast, painted one coat

Height.	Width over Shelf.	To take Grates.	Price.
4 ft. 2 in.	4 ft. 7 in.	36 or 38 in. × 38 in.	£1 11 3



C 3172. Fine Cast, painted one coat.

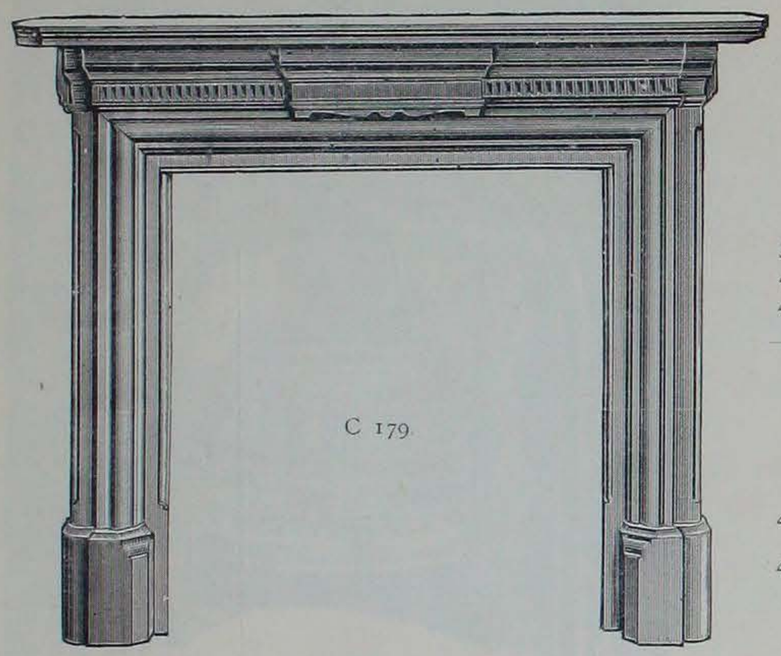
Height.	Width over Shelf.	To take Grate.	Price.
4 ft. 3 in.	5 ft. 1 in.	36 in. × 38 in.	£2 0 0
4 ft. 3 in.	5 ft. 3 in.	38 in. × 38 in.	



C 3173.

Height.	Width over Shelf.	To take Grates.	Fine Cast, painted one coat.	Best Finished Enamelled, Oak, Walnut, &c.
4 ft. 4 in.	6 ft. 0 in.	38 in. or 40 in. × 38 in.	£3 17 0	£10 6 6

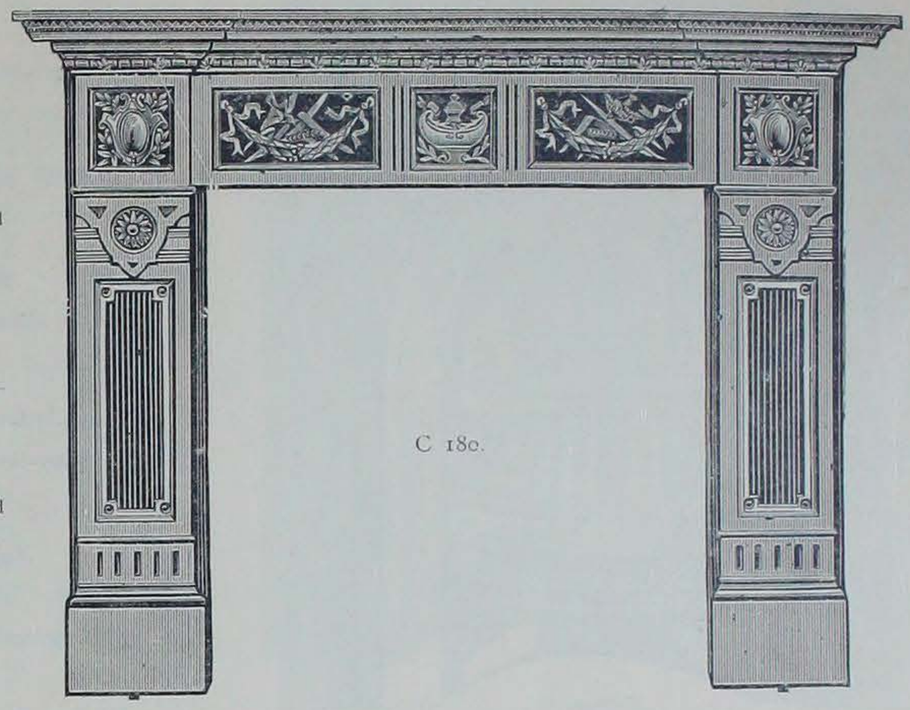
Further designs sent on receipt of requirements.



C 179.

C 179.

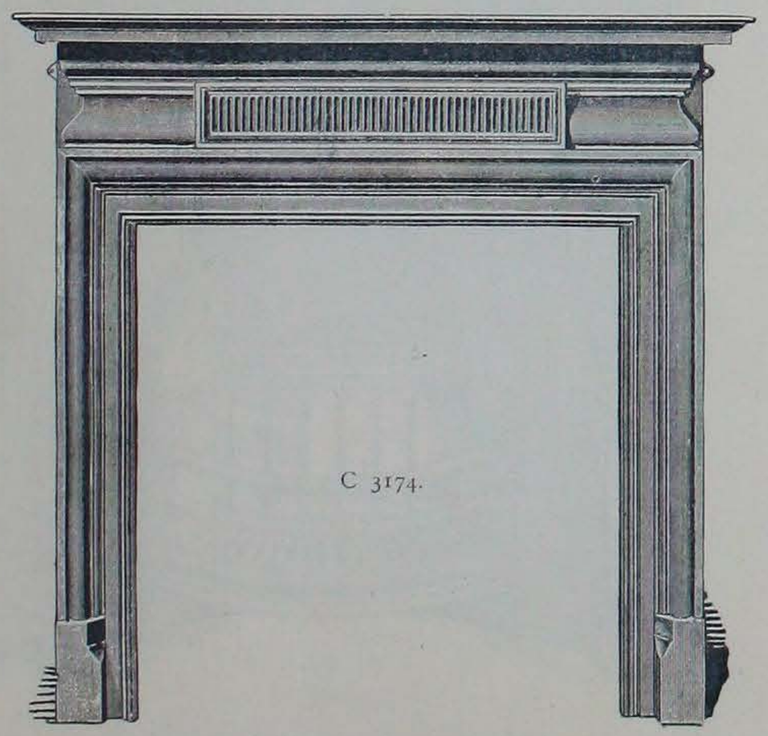
Height.	Width over shelf.	To take Grate.	Price. Fine Cast, Painted one Coat.	Price. Best finished Enamelled Oak, Walnut, etc.
3 ft. 10½ in.	4 ft. 3 in.	30 × 36 in.	30/6	72/6
4 ft. 1½ in.	5 ft.	36 × 38 in.	35/6	84/-
4 ft. 1½ in.	5 ft. 2 in.	38 × 38 in.	35/6	84/-



C 180.

C 180.

Height.	Width over shelf.	To take Grate.	Price. Fine Cast, painted one coat.	Price. Best finished Enamelled Oak, Walnut, etc.
4 ft. 2½ in.	5 ft. 3 in.	36 × 38 in.	41/6	99/-
4 ft. 2½ in.	5 ft. 5½ in.	38 × 38 in.		



C 3174.

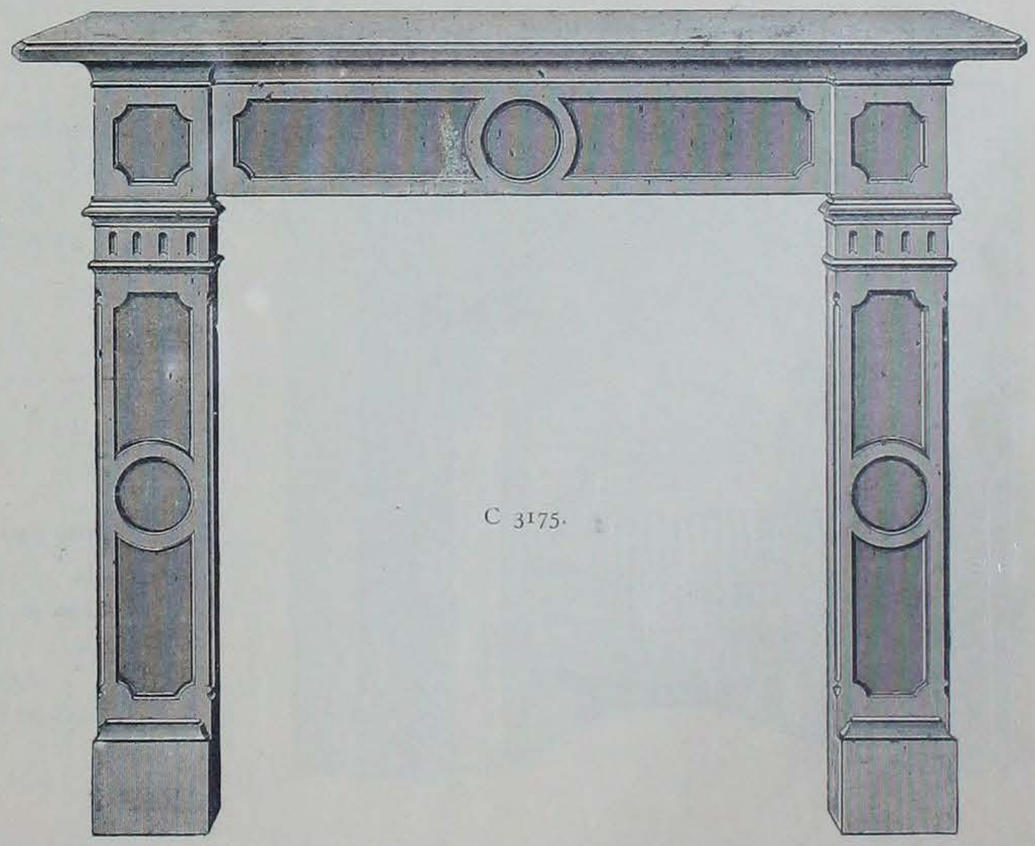
C 3174.

Height.	Width over shelf.	To take Grate.	Price. Fine Cast, painted one coat.
53 in.	53 in.	36 in. × 38 in.	36/6
53 in.	55 in.	38 in. × 38 in.	38/6

C 3175.

Fine Cast, Kitchen Mantelpiece, Painted one coat.

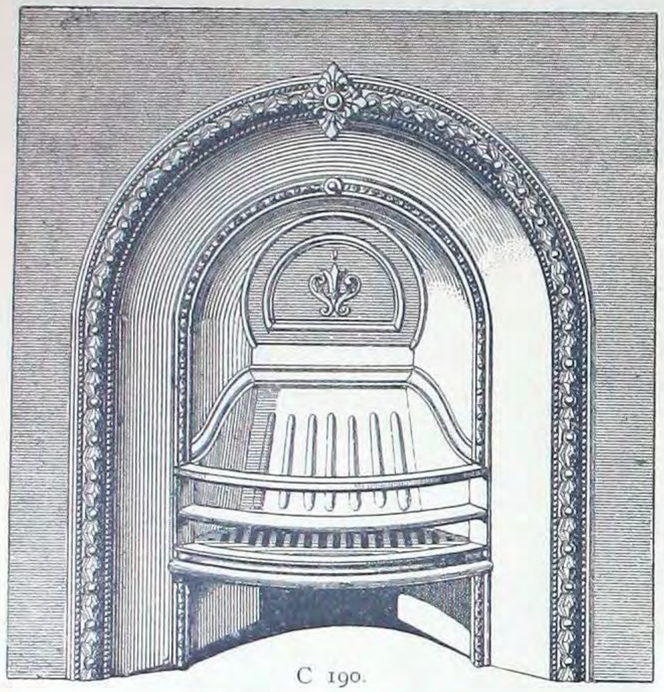
Size of Opening.	Jambs.	Price.
3 ft. × 4 ft. 6 in.	7 in.	20/6
3 ft. 3 in. × 4 ft. 6 in.	7 in.	22/-
3 ft. 6 in. × 4 ft. 6 in.	7 in.	24/3
3 ft. 9 in. × 4 ft. 6 in.	7 in.	26/-
4 ft. × 4 ft. 6 in.	7 in.	27/6
4 ft. 3 in. × 4 ft. 6 in.	9 in.	33/-
4 ft. 6 in. × 5 ft.	9 in.	37/-
4 ft. 9 in. × 5 ft.	10 in.	42/6
5 ft. × 5 ft.	10 in.	48/-



C 3175.

Further designs sent on receipt of requirements.

REGISTER GRATES, FINE CAST, BRICK BACKS.



C 190.

C 190.—Fixed Bars ... .. 3½d. per inch.

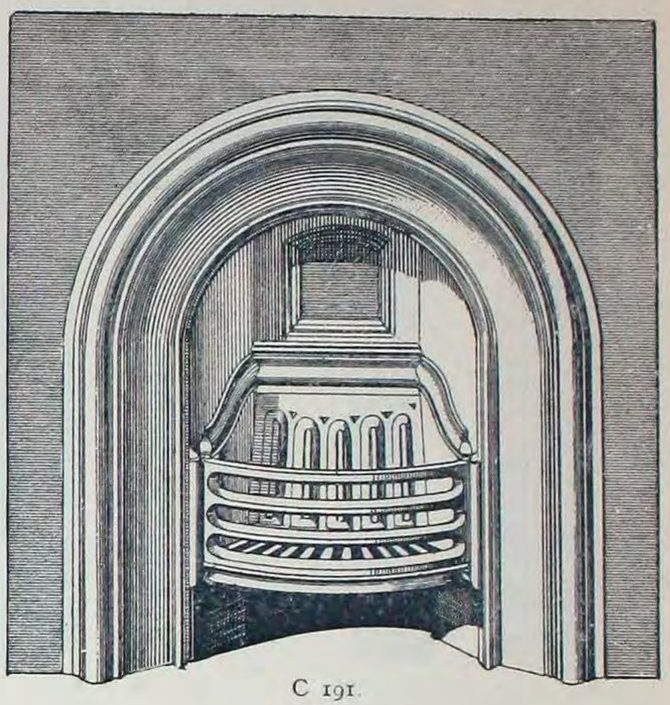
Sizes—16 in., 18 in. wide × 36 in. high × 9 in. fire.
20 ,, 22 ,, 36 ,, 10 ,,
24 ,, 26 ,, 36 ,, 12 ,,
28 ,, 30 ,, 36 ,, 14 ,,
32 ,, 34 ,, 36 ,, 16 ,,
36 ,, 38 ,, 38 ,, 16 ,,

Ditto, sham fronts only ... ... 2⅞d. per inch.

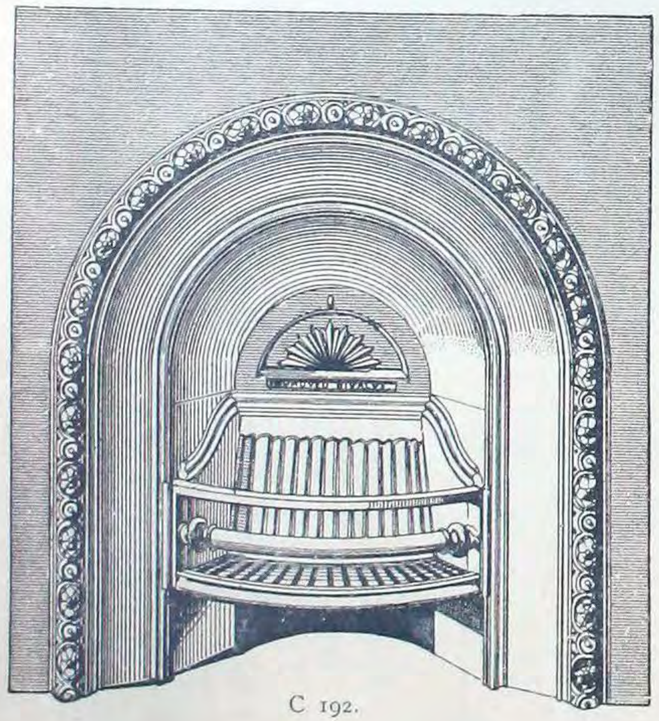
C 191.—Loose Bars, Box Back ... 5½d. per inch.

Sizes—24 in., 26 in. wide × 36 in. high × 12 in. fire.
28 ,, 30 ,, 36 ,, 14 ,,
32 ,, 34 ,, 36 ,, 16 ,,
36 ,, 38 ,, 38 ,, 18 ,,
40 ,, 42 ,, 38 ,, 18 ,,

C 190 and C 191 with Octagon Bars, at same price.



C 191.



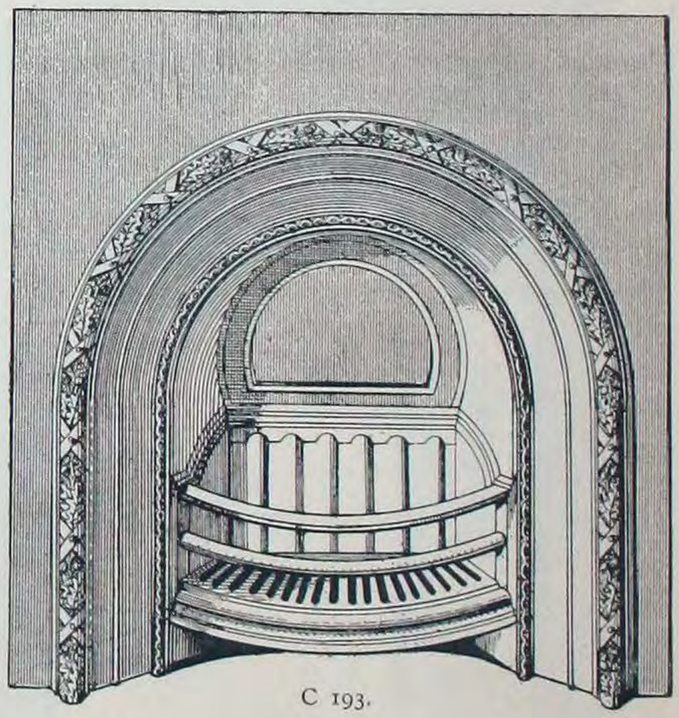
C 192.

C 192.—Loose Bars, Bivalve Back ... 8¼d. per inch.

Sizes—30, 32 in. wide × 36 in. high × 14 in. fire.
34 ,, 36 ,, 16 ,,
36, 38 ,, 38 ,, 18 ,,

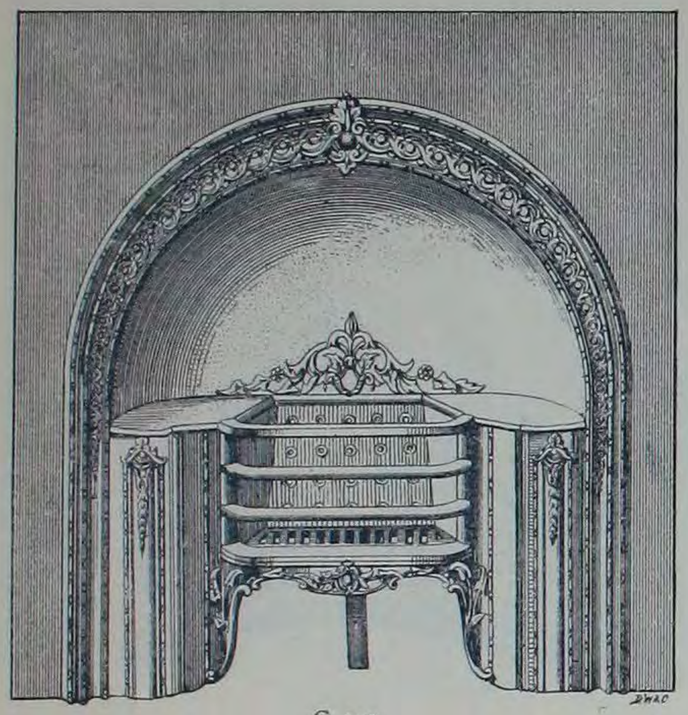
C 193.—Loose Bars, Heavy Metal ... 8¼d. per inch.

Sizes—24, 26 in. wide × 36 in. high × 14 in. fire
28, 30, 32, 34 ,, 36 ,, 16 ,,
36 ,, 38 ,, 18 ,,
38 40 ,, 38 ,, 20 ,,



C 193.

The sizes of fires given on this page (only) are measured between the beads, and in clear are about 2 inches less.



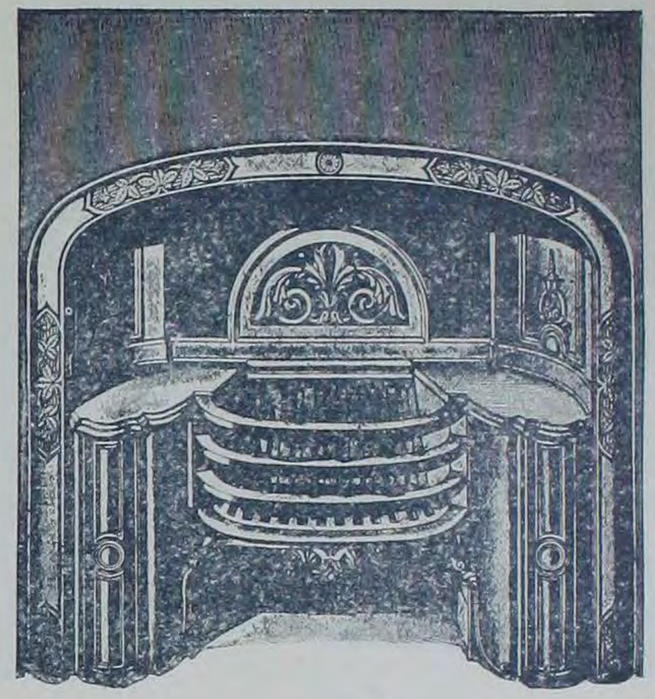
C 195.

C 195.—Fine Cast, Iron Back ... ... 5½d. per inch.

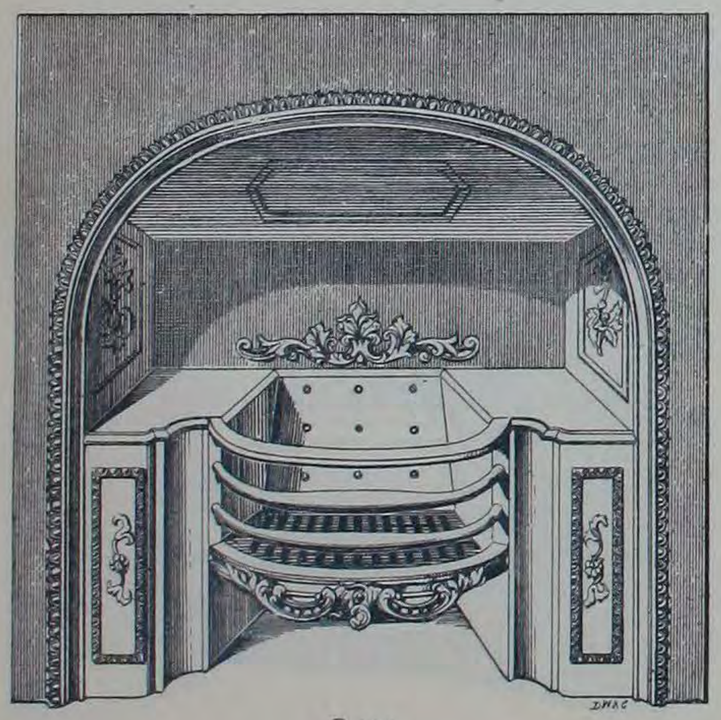
Sizes—24, 26, 28, 30, 32, 34 in. wide × 36 in. high.
36, 38 in. ,, × 38 in. ,,

C 3178.—Fine Cast, Brick Back ... ... 8d. per inch.

Sizes—24 in. to 34 in. wide × 36 in. high.
36 in. to 40 in. wide × 38 in. high.



C 3178.



C 197.

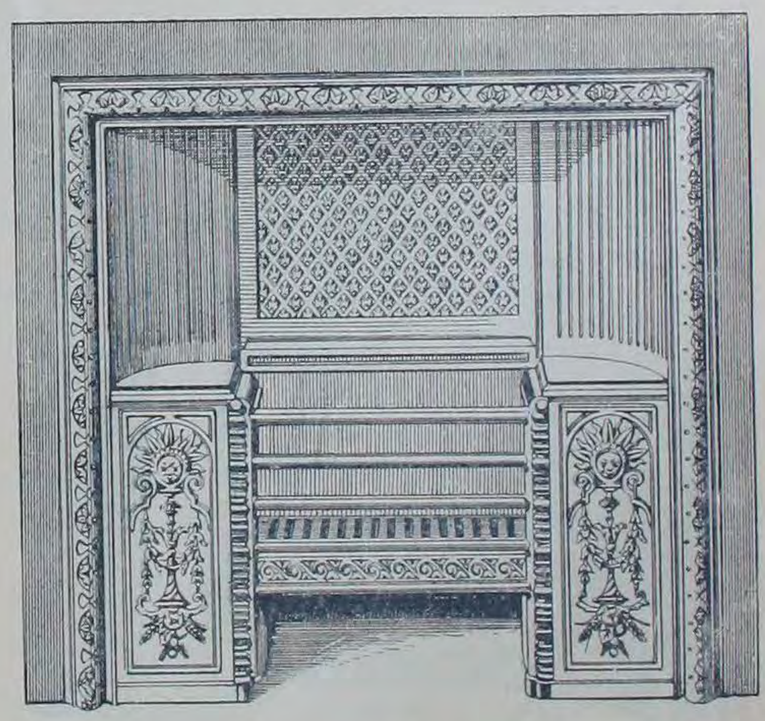
C 197.—Fine Cast, Brick Back, Large Fire ... 11¼d. per inch.

Sizes—28 in. to 34 in. × 36 in. high.
36 in. to 38 in. × 38 in. ,,

C 198.

Fine Cast	40/-	each.
Ground and Berlin Blacked	46/3	,,
Ditto, Better finished	52/6	,,

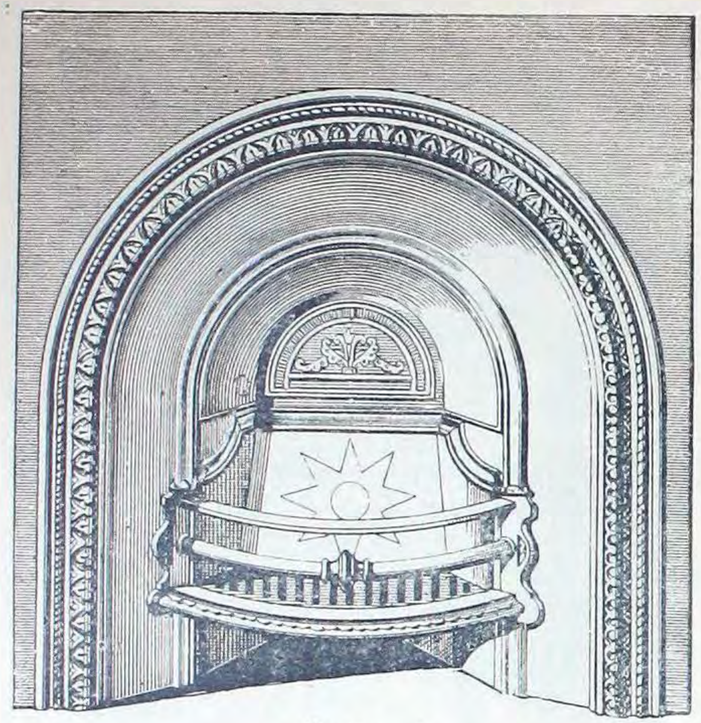
Sizes—34 in. wide × 36 in. high.
36, 38, 40 in. wide × 38 in. high.



C 198.

Further designs will be sent on receipt of requirements.

REGISTER GRATES, GROUND AND BERLIN BLACKED.



C 200.

C 200.—With Bright Bead, Loose Bars... ... .. £1 6 6

Sizes 24 to 34 in. wide × 36 in. high.

36 to 38 in. wide × 38 in. high.

Ditto, without Bright Bead £1 1 0

Also supplied as a sham, prices 22/- with Bright Bead, 16/6 without.

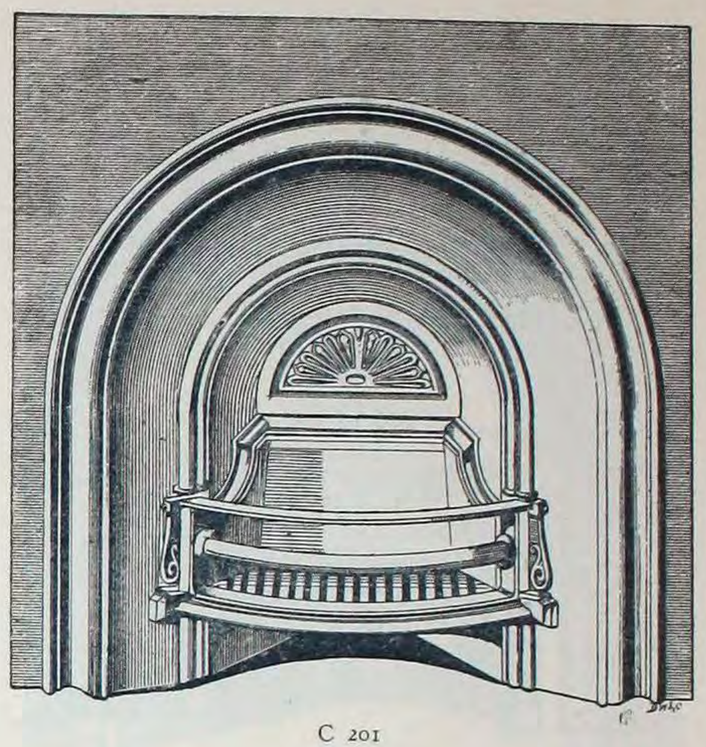
C 201.—Bright Bead, Loose Bars.

Sizes 34 in. wide × 36 in. high... ... . £1 7 0

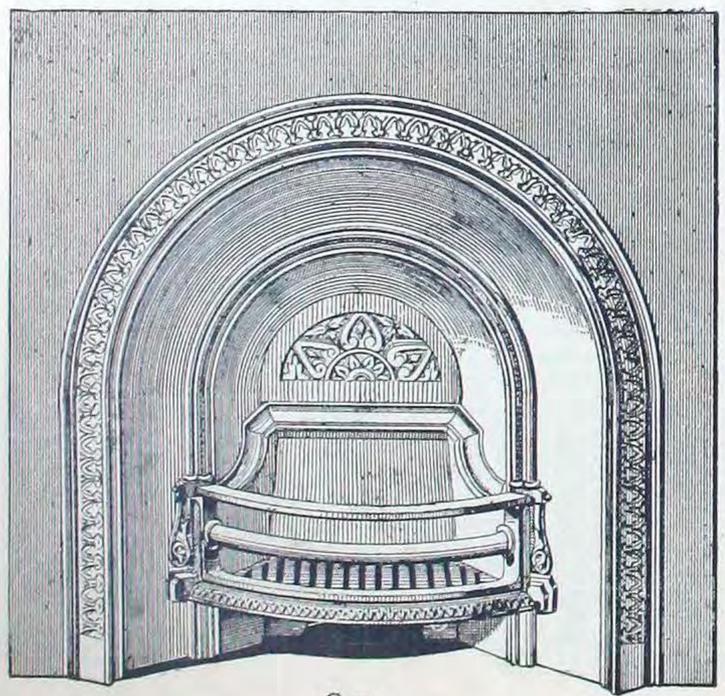
36 to 40 in. wide × 38 in. high £1 9 6

Ditto, without Bright Bead, 5/6 less.

Ditto, Better Finish, 4/- extra.



C 201



C 203.

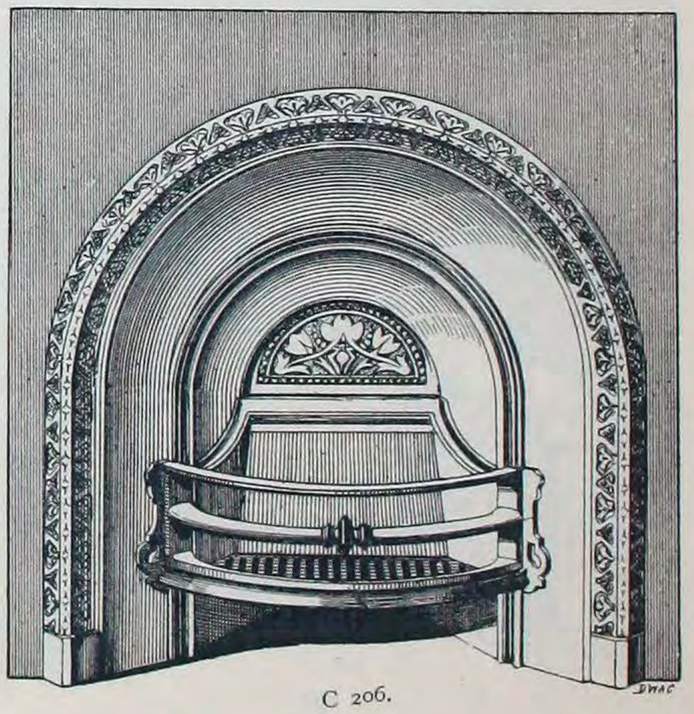
C 203.—Loose Bars, Bright Face to Moulding.

30 to 34 in. wide × 36 in. high } ... £1 14 0

36 to 40 in. wide × 38 in. high }

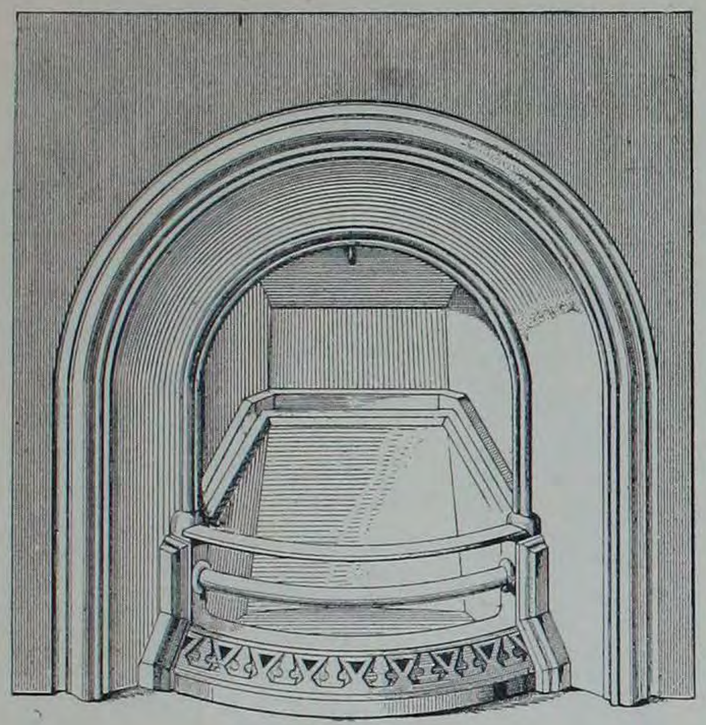
C 206.— 36 to 40 in × 38 in. high £2 2 0

Ditto, ditto Better Finish £2 8 6



C 206.

Further designs will be sent on receipt of requirements.



C 234.

C 234.—Slow Combustion Register.

Sizes 24 in. to 34 in. × 36 in. high. 36 in. to 40 in. × 38 in. high

Fine Cast ... . £0 0 11 per inch
Ground and Berlin Blacked ... ... £1 17 6 each

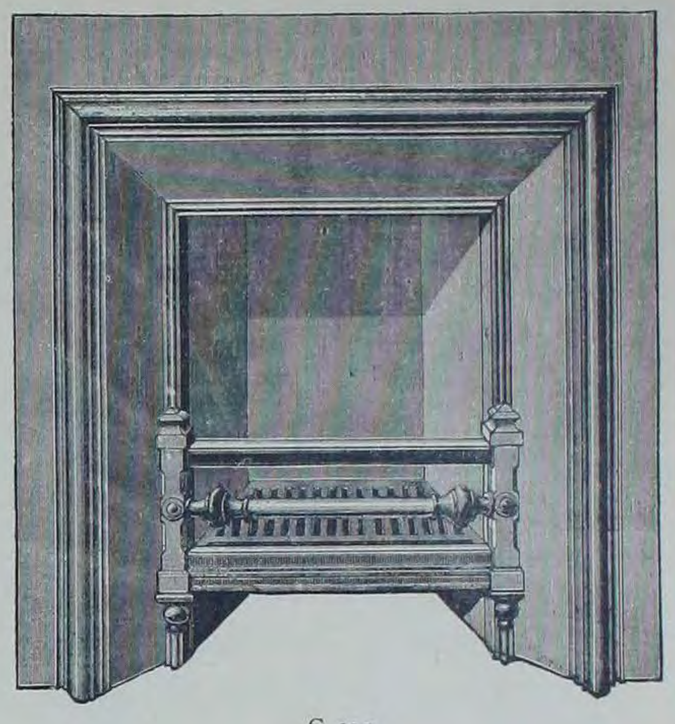
May be had with octagon bars at same prices.

C 235.—Strong Fine Cast Register, all Fire Brick Back and Sides, Loose Bars.

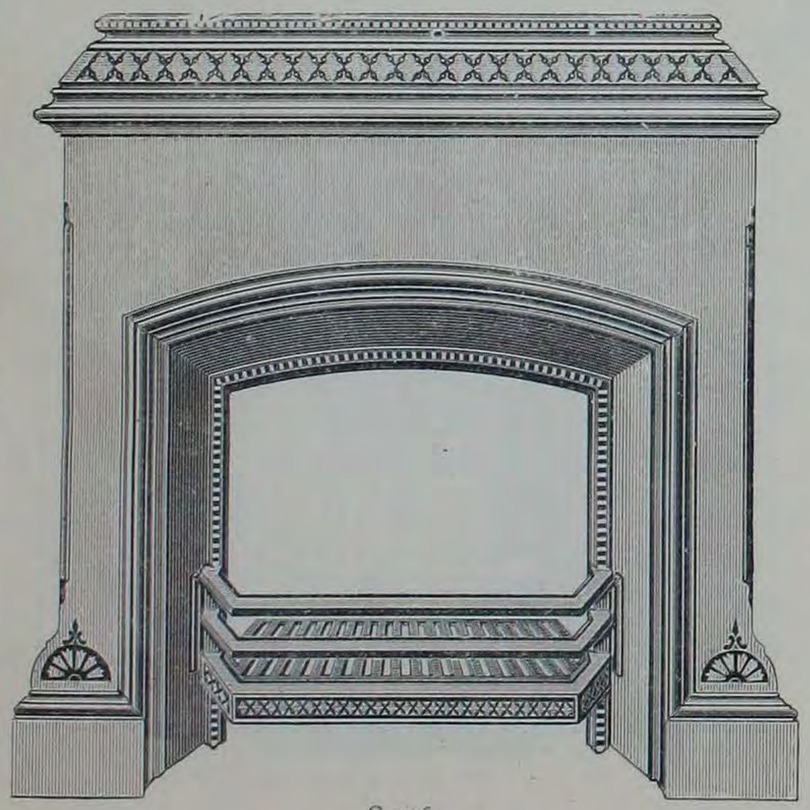
Sizes	30 × 36	32 × 36	34 × 36	36 × 38 in.
Fires	14 in.	14 in.	16 in.	18 in.
Prices	£1 18 0	£2 1 6	£2 3 6	£2 5 6 ea.
Sham fronts only	0 16 9	0 18 9	1 0 9	1 2 9 ,,

Sizes	38 × 38	40 × 38	42 × 42	43 × 42 in.
Fires	20 in.	20 in.	22 in.	24 in.
Prices	£2 8 0	£2 11 0	£2 12 6	£2 15 6 ea.
Sham fronts only	1 4 9	1 6 9	1 9 0	1 11 0 ,,

If wrought iron fire bars 5/6 each extra.



C 235.



C 236.

C 236.—Mantel Shams, Fine Cast and Blacked, Loose Bars.

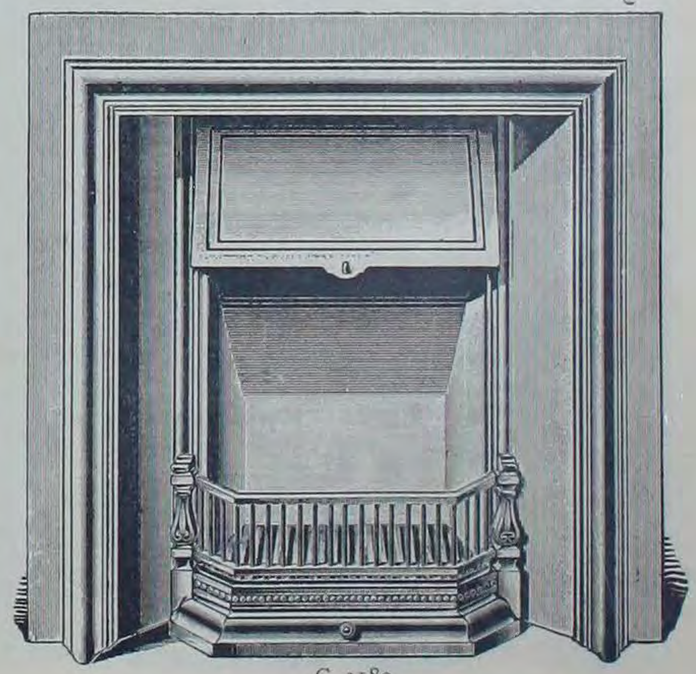
Width	36	39	41	43	45 × 48 high.	55 × 53 in. high
Fires	15 in.	17 in.	19 in.	21 in.	23 in.	26½ in. wide
Prices	33/-	35/-	37/6	41/3	43/-	62/- each

Width given is full width.

C 3180.—Plain Register Grate with Adjustable Canopy, Improved Brick Back and Sides, and Ashes Guard.

Sizes 36 in. to 40 in. wide × 38 in. high × 18 in. fire.

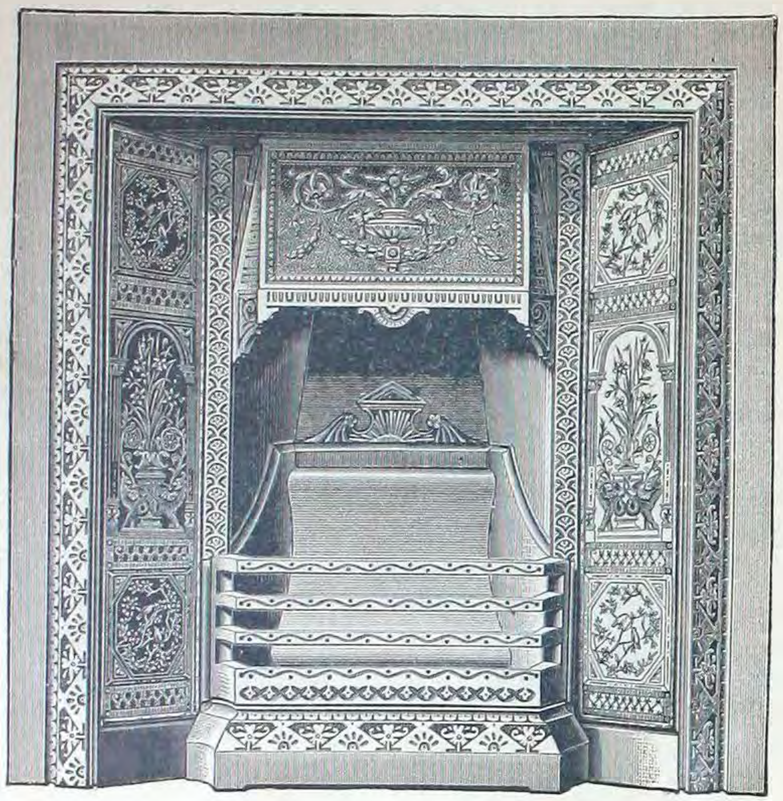
Fine Cast and Blacked £2 4 0
Ground and Berlin Blacked.. ... ... £2 9 6



C 3180.

Further designs will be sent on receipt of requirements.

REGISTER GRATES WITH TILE PANELS.



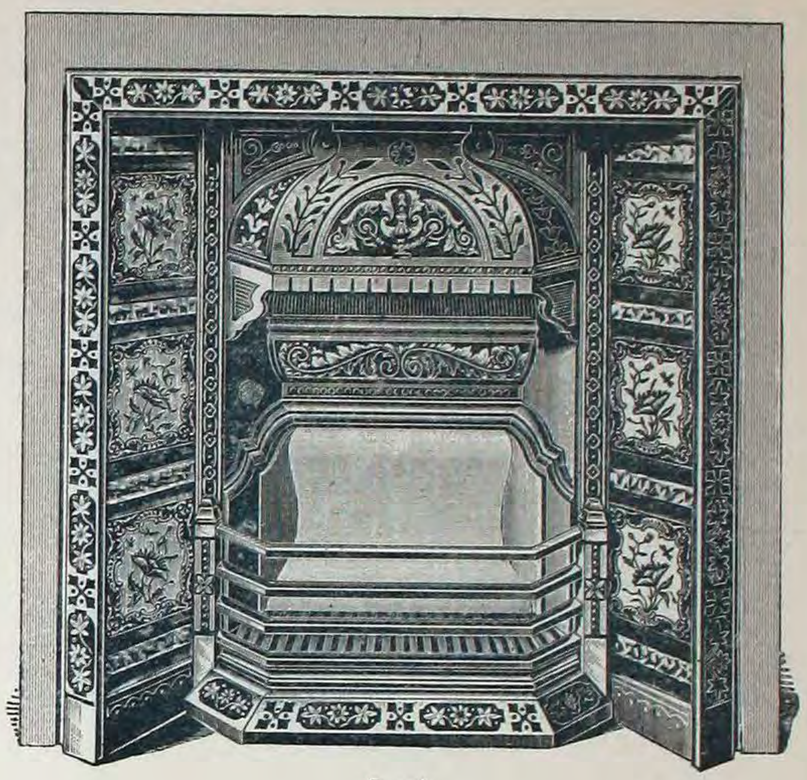
C 3181.

C 3181. 30 in. to 34 in. wide × 36 in. high × 14 in. fire.
36 in. & 38 in. wide × 38 in. high × 16 in. fire.

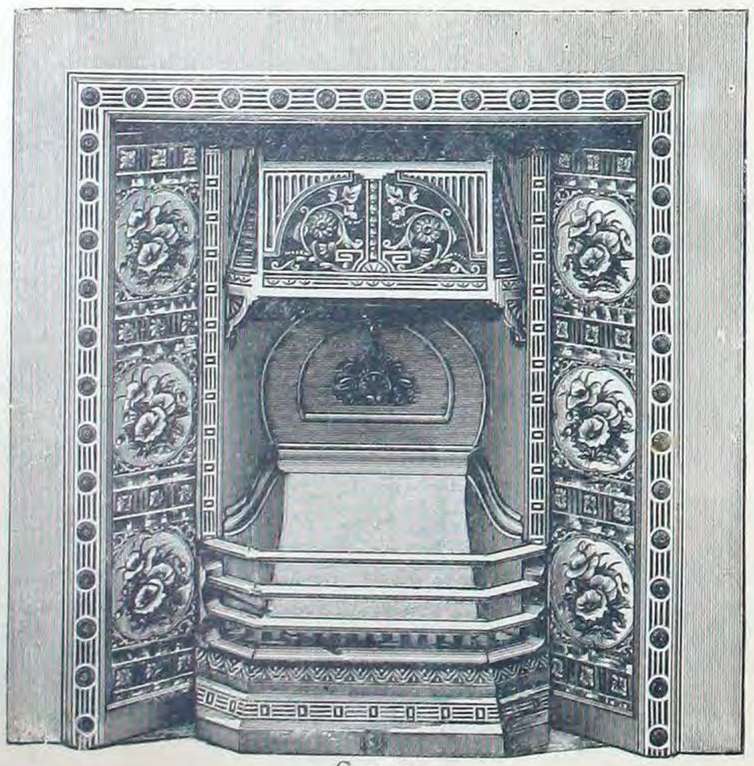
	£		
Fine Cast and Blacked, Grating Bottom and Ashes Guard, with plain printed Tiles	£1	1	6
Ground and Berlin Blacked...	1	4	6
If Tile Panels similar to Illustration, extra	0	2	6
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	0	16	6
Ground and Berlin Blacked...	0	19	6

C 3182. 32 in. & 34 in. wide × 36 in. high × 16 in. fire.
36 in. & 38 in. wide × 38 in. high × 16 in. fire.

	£		
Fine Cast and Blacked, Grating Bottom and Ashes Guard, with colored Tiles and Strips	£1	9	0
Ground and Berlin Blacked...	1	14	6
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	1	2	3
Ground and Berlin Blacked	1	7	9



C 3182.



C 3179.

C 3179. 30 in. & 32 in. wide × 36 in. high × 12 in. fire.
34 in. wide × 36 in. high × 14 in. fire.
36 in. & 38 in. wide × 38 in. high × 16 in. fire.

	£		
Fine Cast and Blacked, Grating Bottom, with plain printed Tiles	£1	0	0
Ditto ditto with better Tiles ..	1	2	6
Ground and Berlin Blacked, plain printed Tiles	1	3	0
Ditto ditto with colored Tiles and Strips	1	5	6
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	0	15	9
Ground and Berlin Blacked...	0	19	6

C 213. Grating Bottom and Ashes Guard, suitable for small rooms.

Sizes— 34 in. wide × 36 in. high × 14 in. fire.
36 & 38 in. wide × 38 in. high × 14 in. fire.

	£		
Fine Cast and Blacked, with two color Tiles	£1	6	0
Ditto ditto Ground and Berlin Blacked	1	10	0
Colored Tiles and Strips as drawn, extra ...	0	3	0
Grate only for Tiles, but no Tiles, Fine Cast and Blacked	1	0	0
Ground and Berlin Blacked...	1	4	9



C 213.

All above sent with Grating Bottoms.

THE MARLBOROUGH GRATE.

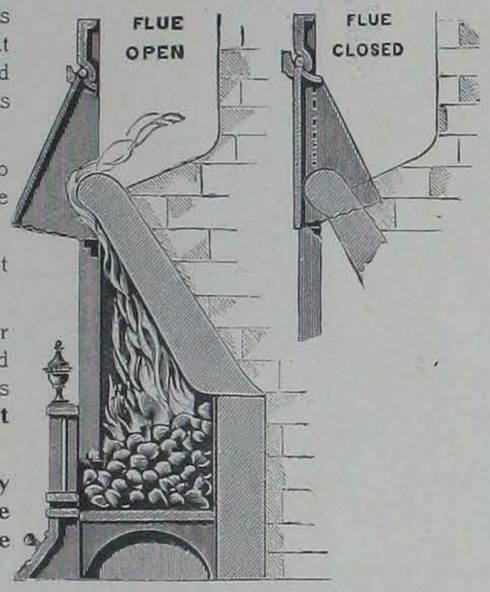
IN the construction of this Grate the Brick Back is made to project over the fire to deflect the heat which would otherwise pass up the chimney, and constitutes a heating surface, by which the gases are at once ignited and the smoke consumed.

The projecting Canopy is removable and adjustable, so as to give easy access to the chimney for building up the back of the fire and sweeping the chimney.

The fuel consumed is very small for the great amount of heat obtained.

The adjustable Canopy acts as a regulator or ventilator in the summer, and a damper in winter. It can be opened and closed to any required degree. No other door is necessary for closing the chimney. There is **perfect combustion and consumption of fuel.**

It is the best Grate to cure a smoky chimney. By means of the Economiser, or Fret, under the Bars, a more perfect combustion is ensured and a brighter fire obtained.



ADVANTAGES.

Great Heating Power and Economy in Fuel. Perfect Combustion and Consumption of Smoke. Controlled Combustion. Ease and Simplicity in Fixing and Sweeping. Controlled Ventilation by means of Adjustable Canopy. Cure for Smoky Chimneys.

THE "ROYAL YORK" PATENT ADJUSTABLE FIRE.

The "ROYAL YORK" Patent Adjustable Fire not only possesses all the advantages of a **Barless Well-Fire,** as illustrated with Interior C3661, but it may **instantly** and **most easily** be turned into an ordinary fire with bars in front (by the aid of a Tickler which is supplied with each Grate), thereby forming a "guard" when the apartment is vacated.

INSTRUCTIONS FOR FIXING.

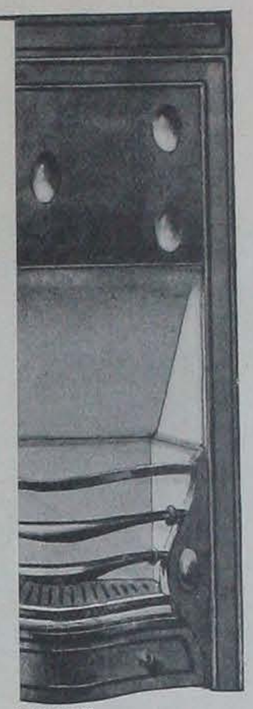
First—Place the Grate square in the Chimney-piece, and clamp same securely; in case of Interiors a peg will be found at bottom to insert in Hearth-stone.

Second—Point all round at back to prevent any smoke escaping into room.

Third—Insert the Fire Brick Back and build up solid, graduating the brick-work into the flue, as above.

Fourth—Take care that there are no wood beams underneath, or any woodwork in contact with the Fire Brick Back.

Fifth—In case of Fire Brick Back cracking, it should be pointed with a fire-proof cement, when it will be as good as new.



C3657.

ire ...	£2 2 6
er Canopy, 20/- extra.	
18-in. Fire ...	2 10 0
er Canopy 25/- extra.	
... ...	1 13 4
Fire	2 0 0

de. 15 in. Fire, 18-in. wide.
wide × 36 in. or 38-in. high.



C3658.

18-in or 21-in. × 38-in.	15-in. & 18-in. Fires.
All Best Black	£2 2 6
If Electro-Bronzed Canopy ...	2 15 0
If Repoussé Brass ,, ...	3 17 6



Royal York Fire.

. or 38-in.	15 in. or 18-in. Fire.
ases to Fire	£3 15 0
lectro-bronzed) ...	4 12 6
l in Canopy ...)	
ass Panel In Canopy	5 10 0
and Supports to Fire, 25/- extra.	

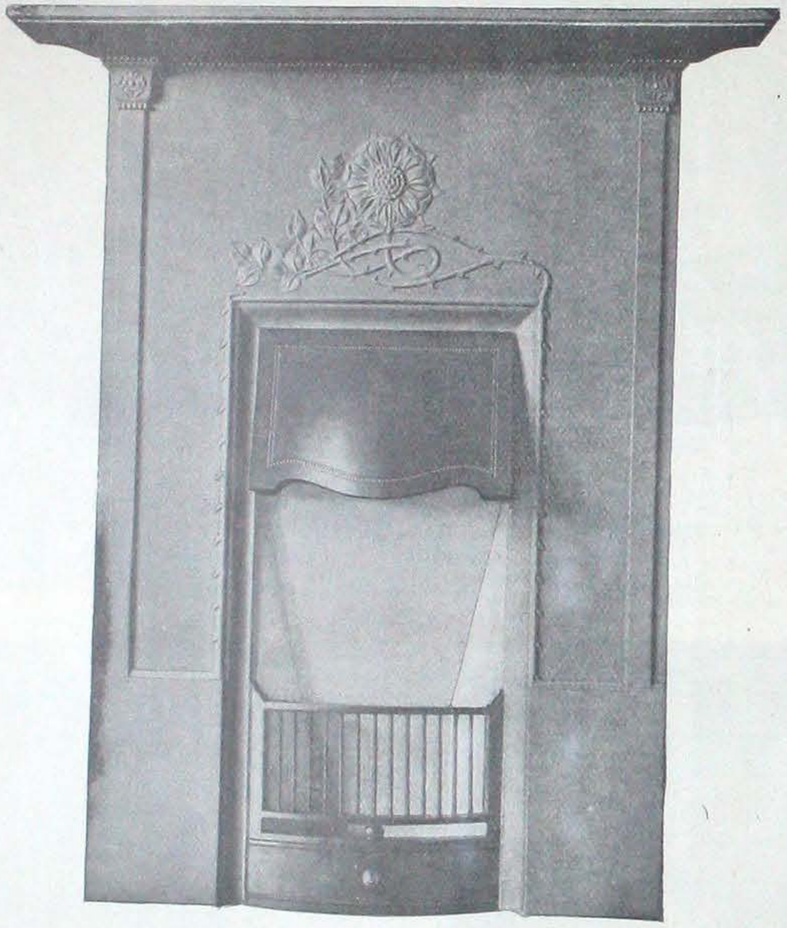


C3662.

18-in. or 21-in. × 38-in. 15-in. or 18-in. Fire.
Best Black, Brass Repoussé Canopy £4 3 9

urther Designs sent on receipt of requirements.

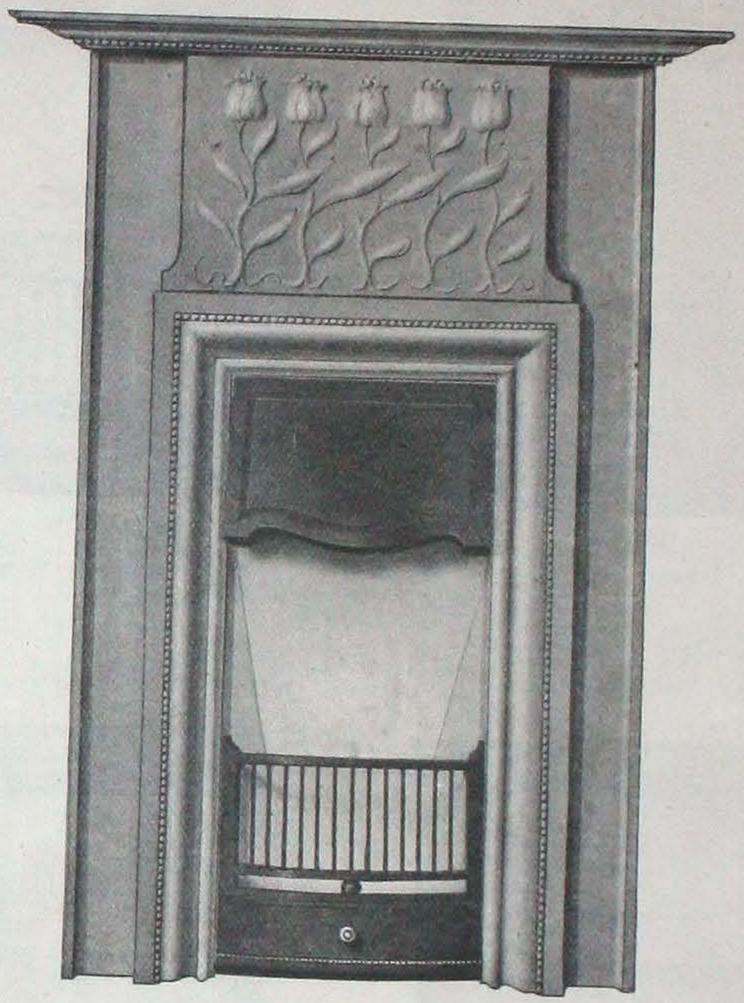
IRON MANTEL REGISTERS.



C3663.

Mantel Painted one coat.

Width.	Height.	Double Shelf.	Fire.	
31-in.	52-in.	41½ × 8-in.	12-in.	£2 7 6
34-in.	52-in.	43½ × 8-in.	15-in.	2 12 6



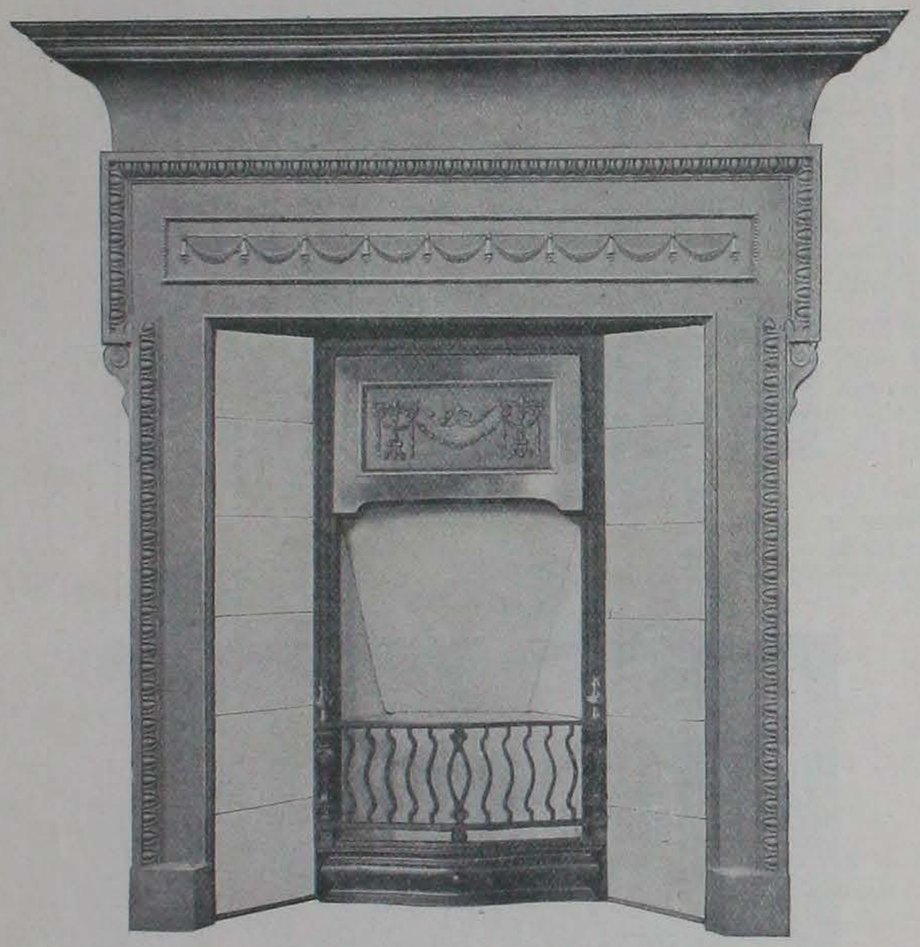
C3664.

Mantel Painted one coat.

Width.	Height.	Double Shelf.	Fire.	
29-in.	52-in.	39-in. × 8-in	12-in. -	£2 7 6
32-in.	52-in.	41-in. × 8-in.	15-in -	2 12 6

The above Grates have Improved Brick Backs and Adjustable Canopies. **Further Designs sent on receipt of requirements.**

IRON MANTEL REGISTERS.



C3665.

Mantel Painted one coat.

Width.	Height.	Double Shelf.	Fire.		
40-in.	53-in.	48-in. × 8-in.	12-in.	-	£3 5 0
43-in.	53-in.	51-in. × 8-in.	15-in.	-	3 10 0

Tiles extra, 6-in. × 6-in., from 8/4. Electro-bronzed Canopy, 12/6 extra.



For Tiles 6-in. × 6-in.

C3666.

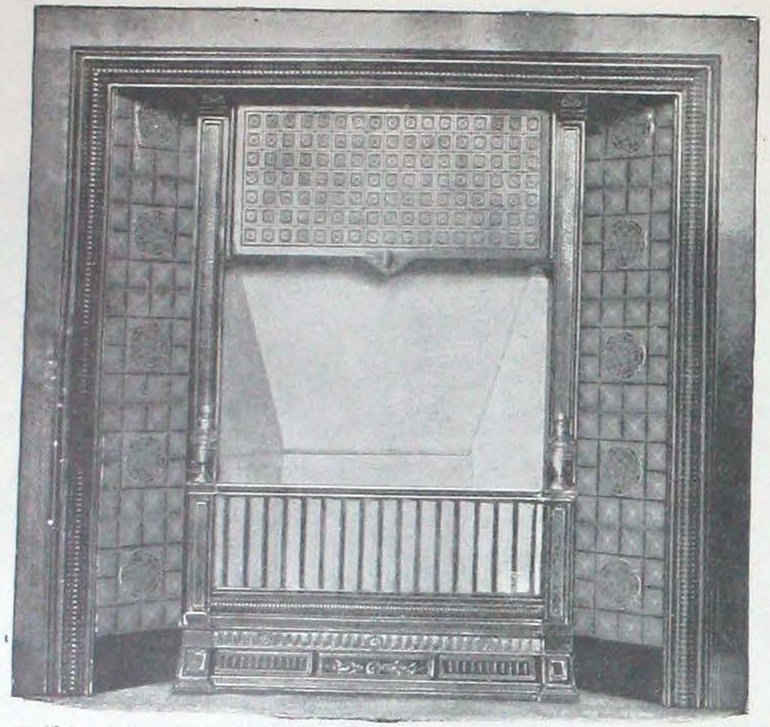
Mantel Painted one coat.

Width.	Height.	Jambs.	Double Shelf.	Fire.	
42-in.	53-in.	6½-in.	48-in. × 9-in.	12-in.	£5 0 0
45-in.	53-in.	6½-in.	51-in. × 9-in.	15-in.	5 10 0

Projection of jamb from plaster, 4-in. If with Electro-bronzed Canopy, 12/6 extra.
Tiles at sides as shown, or on the flat, all round, with 30-in. interior.
Tiles extra, from 8/4 at sides only; if all round, from 10/-

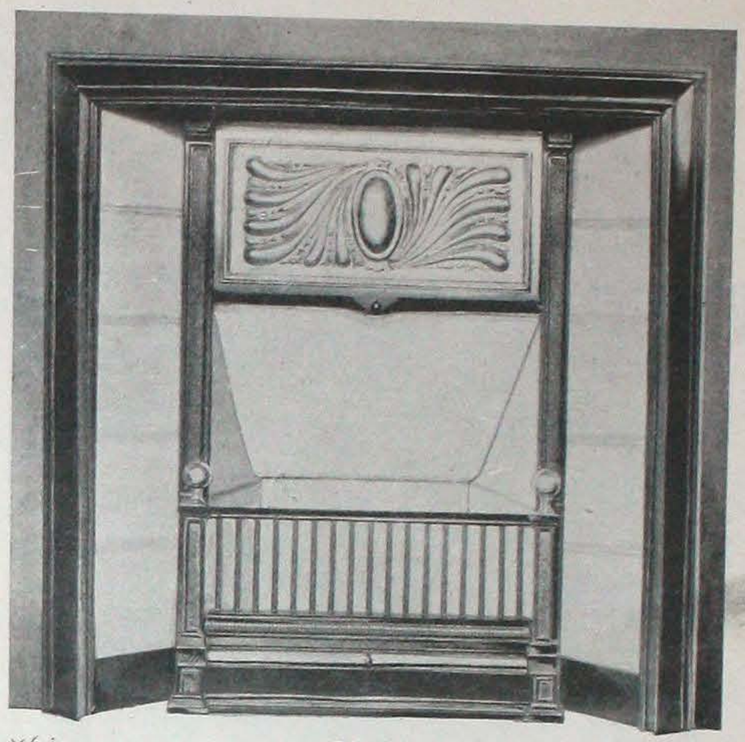
The above Grates have Improved Brick Backs and Adjustable Canopies. **Further Designs sent on receipt of requirements.**

"MARLBOROUGH" REGISTER GRATES.

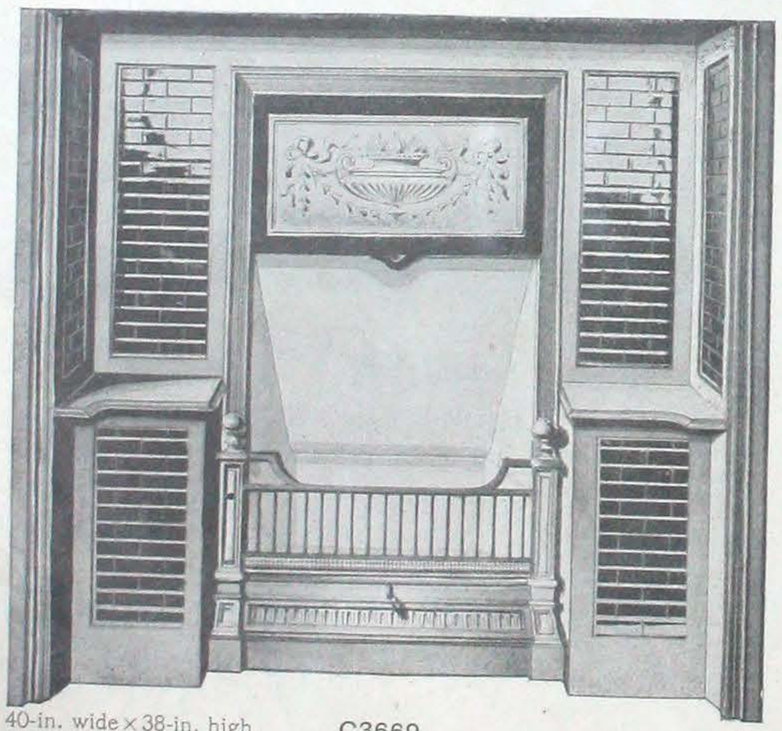


Sizes—36-in. to 40-in. wide × 38-in. high. C3667.

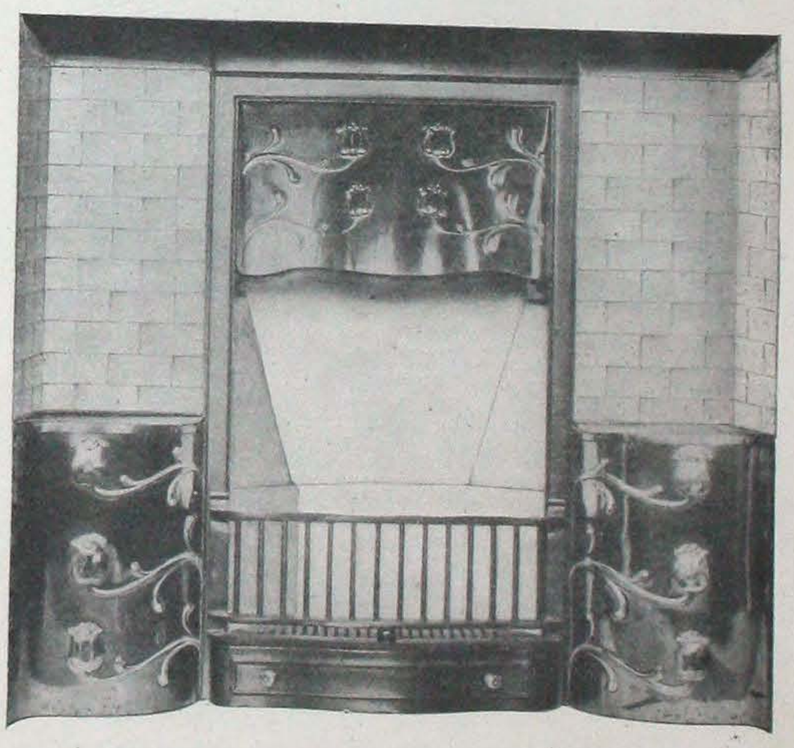
Second Finish, 15-in. or 18-in. Fire £3 7 0 | Second Finish, 21-in. Fire . £5 5 0
Best Black, 15-in. or 18-in. Fire ... 3 15 0 | Best Black, 21-in. Fire ... 6 0 0
Tiles, 8/4 extra.



For Tiles, 6-in. × 6-in. C3668. Sizes—36-in. to 40-in. wide × 38 in. high.
Best Black, 15 or 18-in. Fire £4 10 0
Second Finish do. 3 15 0
Electro-Bronzed Panel in Canopy, 12/6 extra. Cast Brass do., 25/- extra. Tiles, 8/4 extra.



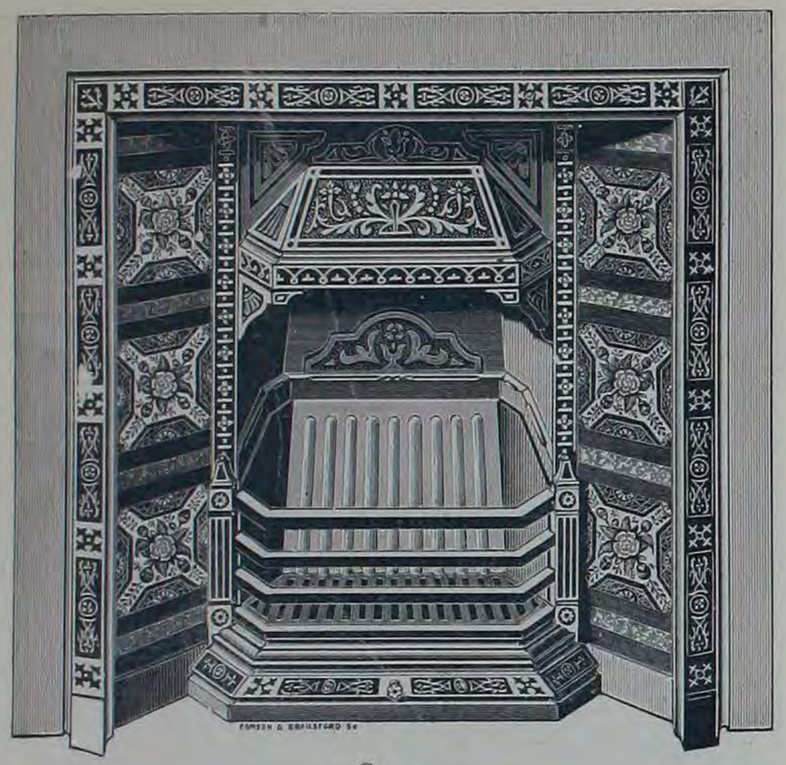
Sizes—38 or 40-in. wide × 38-in. high. C3669. 15 or 18-in. Fire.
Second Finish, complete with Tiles £6 0 0
Best Black Hob Grate, complete with Tiles in Hobs and Covings, any colour ... 6 15 0
If with Victoria Electro-Bronze Panel in Canopy, 12/6 extra.
If with Brass Panel in Canopy, 25/- extra.



Sizes—38 or 40-in. wide × 38-in. high. C3670. 18-in. Fire.
Best Black. Brass Repoussé Canopy and Hobs.
Complete with Tile Slabs in Covings, any colour £15 15 0

All the above Grates have Improved Brick Backs and Adjustable Canopies. **Further Designs sent on receipt of requirements.**

REGISTER GRATES WITH TILE PANELS.



C 214.

C 214.—With Grating Bottom and Ashes Guard, Colored Tiles and Strips.

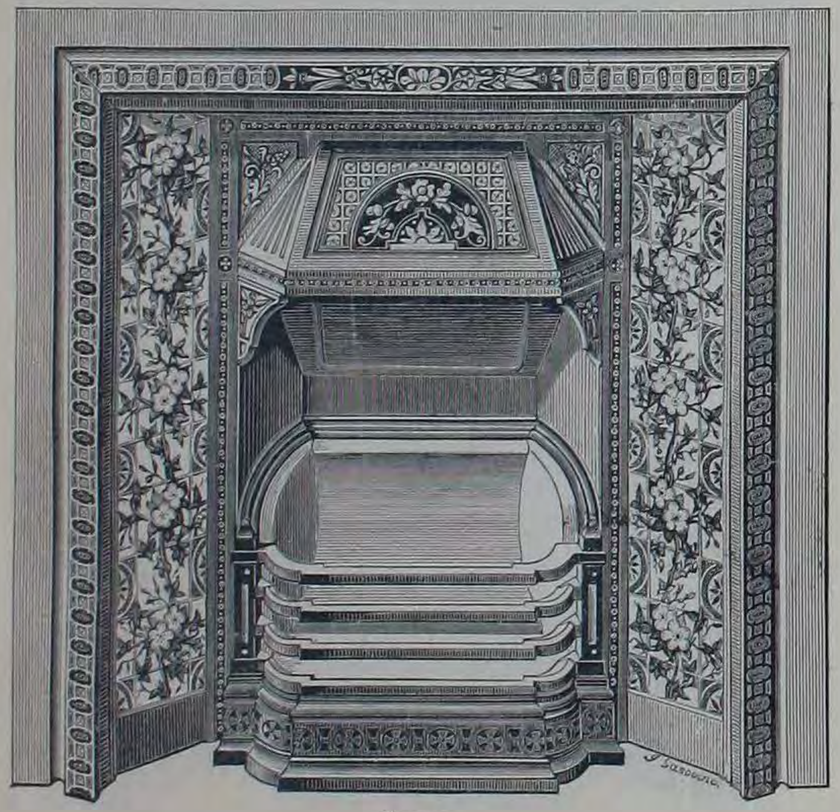
Sizes—	32 & 34 in. wide	× 36 in. high	× 14 in. fire.	
	36, 38 & 40 ,,	38 ,,	17 ,,	
Fine Cast and Blacked ...	...	...	28/-	
Ground and Berlin Blacked	...	...	33/-	
If Grate only for Tiles, but no Tiles, Fine Cast and Blacked ...	. .	...	21/6	
Ground and Berlin Blacked	...	...	26/6	

C 3183.—With Grating Bottom and Ashes Guard, Colored Tiles and Strips.

Sizes—36 in. & 38 in. wide	× 38 in. high	× 17 in. fire.	
Ground and Berlin Blacked	...	...	40/-
Ditto, Better Finished ...	...	...	46/-
Grate only for Tiles, but no Tiles, Ground and Berlin Blacked	...	...	31/-
Ditto, Better Finished ...	...	...	36/6



C 3183.



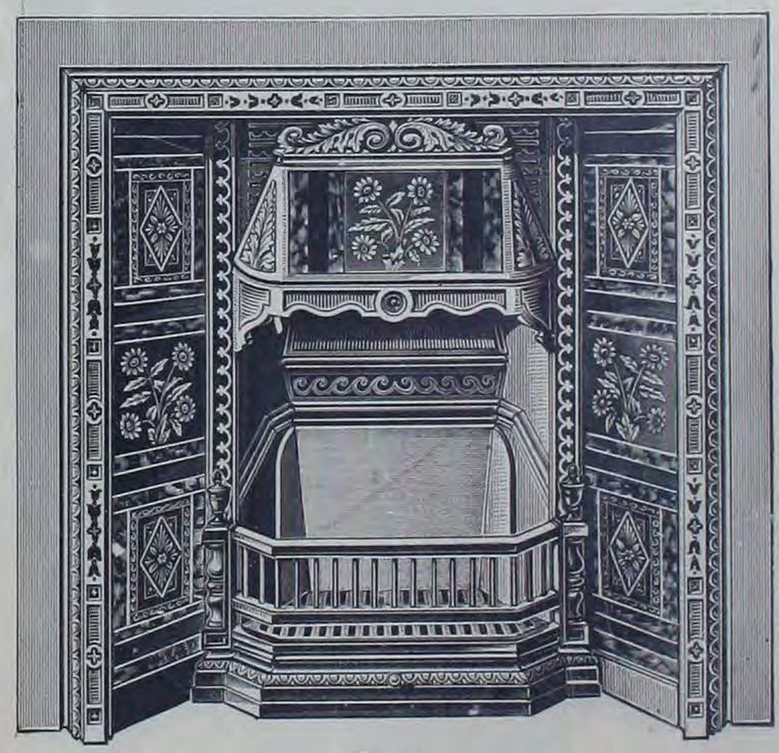
C 215.

C 215.—Grating Bottom and Ashes Guard, or Slow Combustion.

Sizes – 30 in. & 32 in. wide	× 36 in. high	× 14 in. fire.		
34 ,,	36 ,,	16 ,,		
36 ,,	38 ,,	16 ,,		
38 in. & 40 in. wide	× 38 in. high	× 18 in. fire.		
Ground and Berlin Blacked ...	...	42/- each.		
Do., Better Finished, Enamelled & Gilt	47/6 ,,			

C 3184.—Grating Bottom and Ashes Guard, Colored Tiles and Strips.

Sizes—36 in. & 38 in. wide	× 38 in. high	× 18 in. fire.	
Ground and Berlin Blacked	...	...	45/-
Do., Better Finished	...	...	52/6



C 3184.

All above sent with Grating Bottoms unless ordered with Brick Bottoms.

Register Grates with Tile Panels and Adjustable Canopies.



C 3185.

C 3185.—Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in. high 16 in fire

Fine Cast and Blacked	... ...	£1 11 9
Ground and Berlin Blacked	... ...	£1 16 0

C 3186.—Brick Back and Sides, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 30 in. and 32 in. wide × 36 in. high × 14 in. fire
34 in. to 38 in. ,, × 38 in. ,, × 16 in. ,,

Fine Cast and Blacked	... ...	£1 7 0
Ground and Berlin Blacked	... ...	£1 13 9



C 3186.



C 3221.

C 3221.—Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

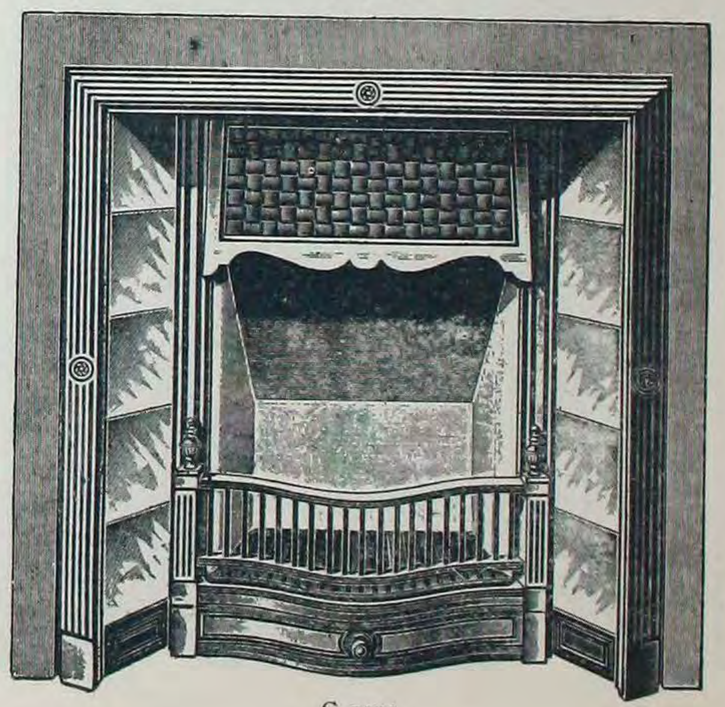
Sizes— 34 in. wide × 36 in. high × 16 in. fire.
36 in. & 38 in. ,, × 38 in. ,, × 16 in. ,,

Fine Cast and Blacked	... ...	£1 13 9
Ground and Berlin Blacked	... ...	£2 0 0

C 3222.—Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, Plain Enamelled Tiles.

Sizes 36 in. and 38 in. wide × 38 in. high × 18 in. fire

Fine Cast and Blacked...	... ...	£2 8 6
Ground and Berlin Blacked	... ...	£2 14 0



C 3222.

For better quality, see pages 140, *etc.*

REGISTER GRATES WITH TILE PANELS.



C 219.

C 219.—Grating Bottom and Ashes Guard or Slow Combustion, Large Fire, Coloured Tiles.

Sizes 30 to 34 in. wide × 36 in. high × 14 in. fire
36 in. ,, × 38 in. ,, × 16 in. ,,
38 and 40 in. ,, × 38 in. ,, × 18 in. ,,

Ground and Berlin Blacked £2 12 6
Ditto, Better Finished 3 5 0

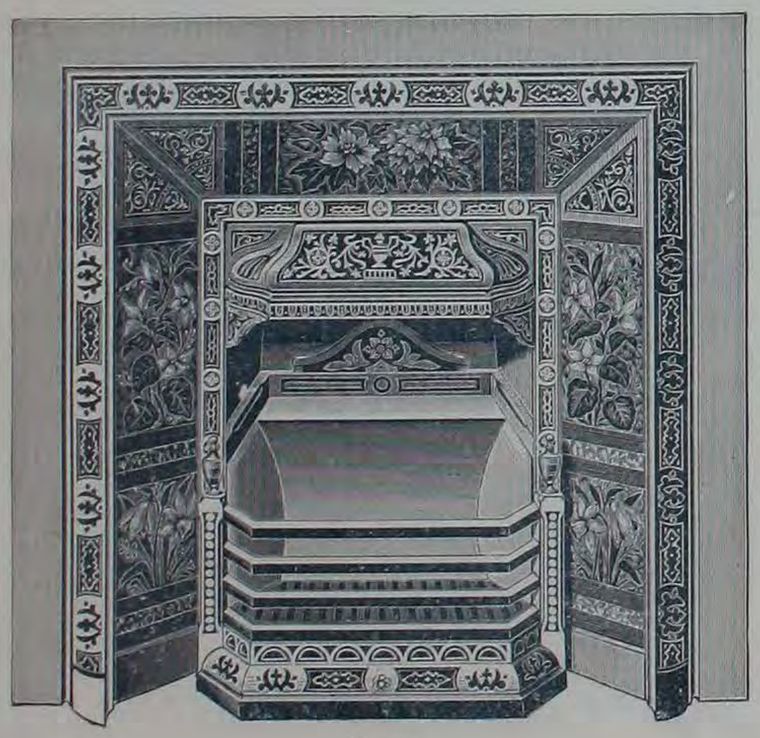
C 3189.—Improved Brick Back, Fixed Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in. high × 17 in. fire

Ground and Berlin Blacked £2 13 6
Ditto, Better Finished 2 18 0



C 3189.



C 224.

C 224.—Brick Back and Sides, with Brass Knobs, Grating Bottom and Ashes Guard, Barbotine Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Berlin Blacked, Best Finish £4 4 0
If Canopy Electro-bronzed ... 11/- extra.

C 3191.—Improved Brick Back, Brass Knobs, Fixed Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in. high × 17 in. fire

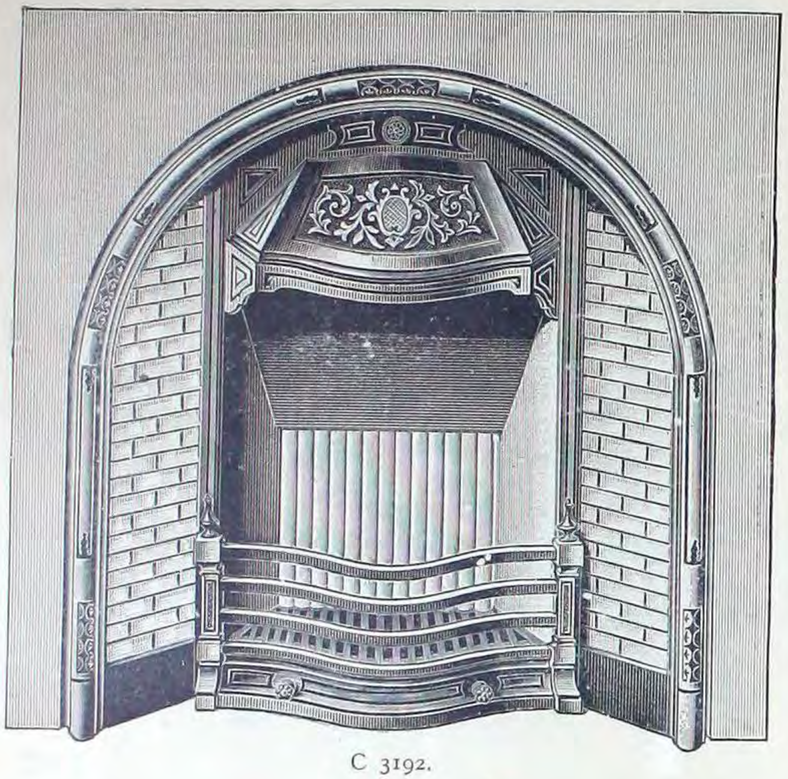
Ground and Berlin Blacked £3 13 0



C 3191.

All above sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH TILE PANELS.



C 3192.

C 3192.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

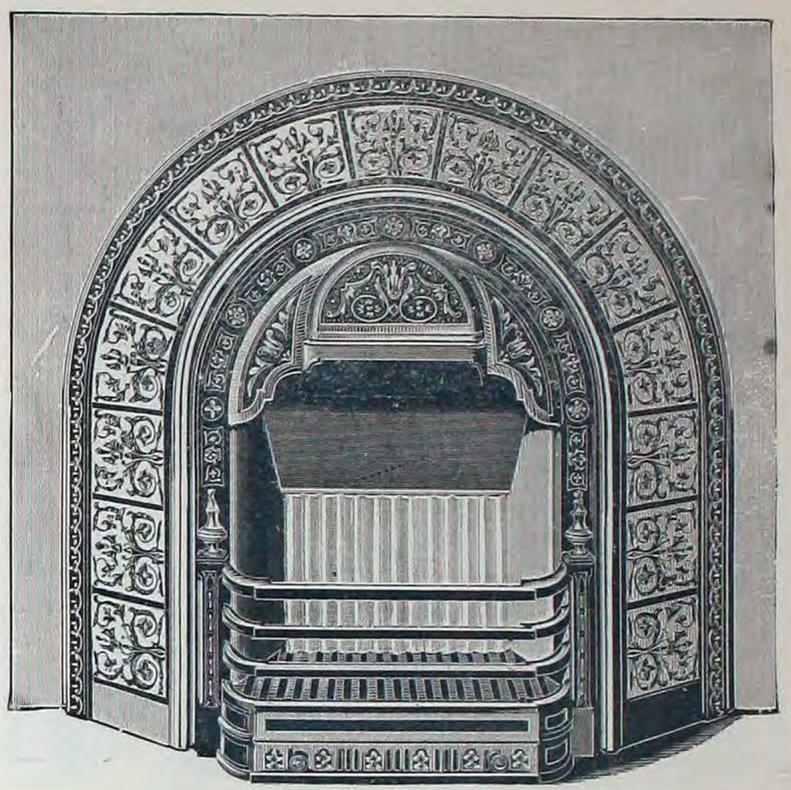
Ground and Berlin Blacked .. £3 17 0

C 3193.—Projecting Front, Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Berlin Blacked, Best Finished ... £4 12 6

Ditto, Electro Bronzed Canopy 5 2 6



C 3193.



C 230.

C 230.—Coloured Tiles, Grating Bottom and Ashes Guard, or slow combustion.

Sizes—from 38 to 40 in. wide × 38 in. high × 17 in. Fire.

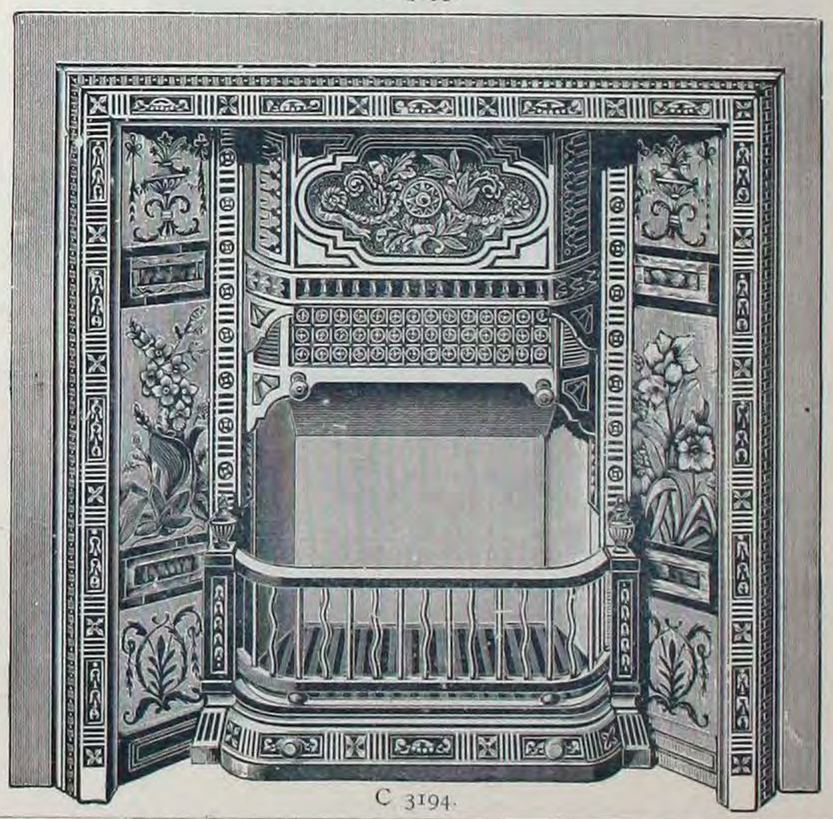
Berlin Blacked, Best Finish ... £5 2 6

C 3194.—Improved Brick Back, Sliding Blower, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 18 in. Fire.

Ground and Berlin Blacked ... £5 4 6

Ditto Best Finished ... 5 19 0



C 3194.

Above are sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH TILE PANELS.



C 3199.

C 3199.—Improved Brick Back, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked ...	...	£3	17 0
If with Electro Bronzed Canopy, extra ...		0	14 9

C 3195.—Projecting Front, Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Convex Coloured Tiles and Strips.

Sizes—38 in. and 40 in. wide × 38 in. high × 17 in. Fire.

Berlin Blacked, Best Finished ..	...	£4	12 6



C 3195.



C 228.

C 228.—Projecting Front, Brick Back, Barbotine Tiles and Strips, Brass Knobs, Grating Bottom and Ashes Guard.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Berlin Blacked, Best Finish ...	...	£3	17 0
If Canopy Electro-bronzed ...		11/-	extra.

C 229.—Projecting Front, Brick Back, Coloured Tiles and Strips, Grating Bottom and Ashes Guard, or slow combustion.

Sizes--36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Fine Cast	...	£2	12 0
Ground and Berlin Blacked ..	...	3	0 0
Ditto, Enamelled and Gold ...	...	3	6 0
Better Finish, Berlin Blacked ...	...	3	10 0

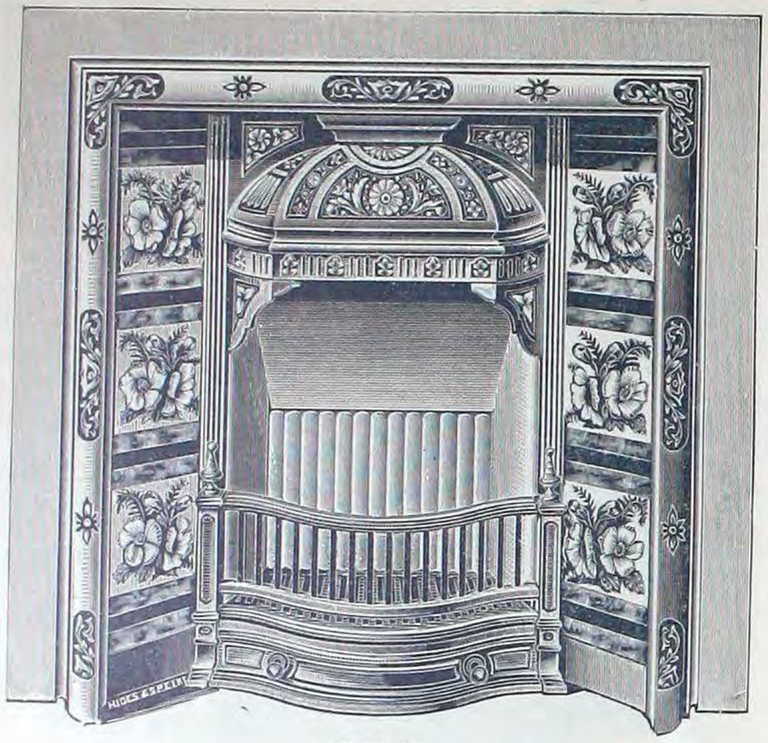
If with Tiles all round and Vertical Bars, 7/6 extra.



C 229.

Above are sent with Grating Bottoms unless ordered with Brick Bottoms.

REGISTER GRATES WITH TILE PANELS.



C 3196.

C 3196.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

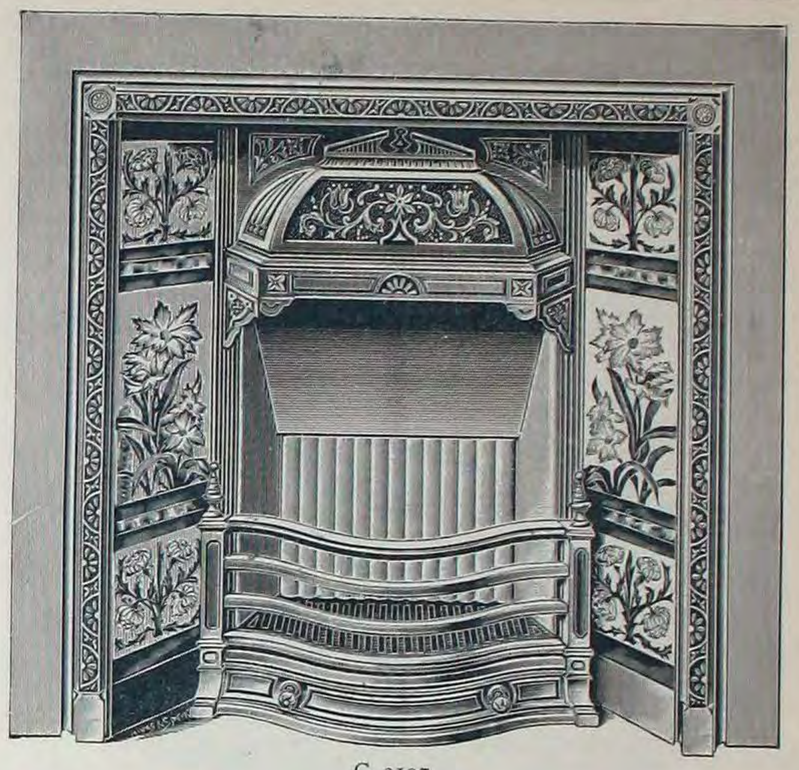
Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Ground and Berlin Blacked .. £3 13 6
If with Electro-bronzed Canopy, 14/9 extra.

C 3197.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. Fire.

Berlin Blacked, Best Finish, with Brass Moulding £5 2 6
If with Electro-bronzed Canopy ... 12/6 extra.



C 3197.



C 231.

C 231.—Improved Brick Back, Brass Knobs, 8 in. Coloured Tiles and Strips, Grating Bottom and Ashes Guard.

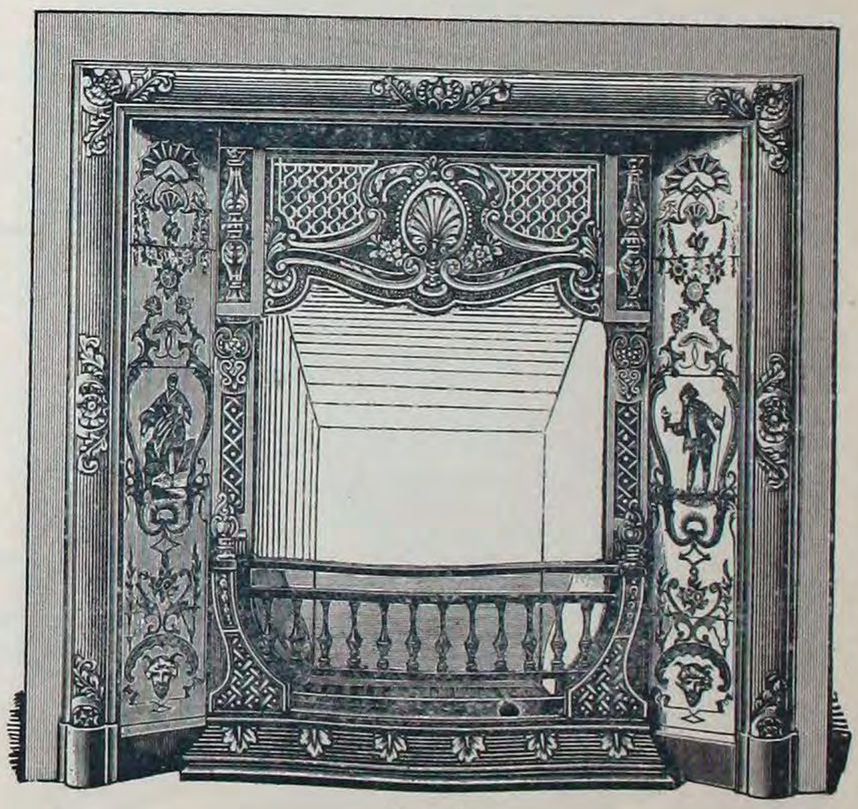
Sizes—38 in. and 40 in. wide × 38 in. high × 18 in. Fire.

Berlin Blacked, Best Finish... ... £5 3 0
Ditto, with Bronzed Canopy 6 2 6

C 3198.—Improved Brick Back, Brass Knobs, Lift-off Canopy, Grating Bottom and Ashes Guard, Coloured Tiles.

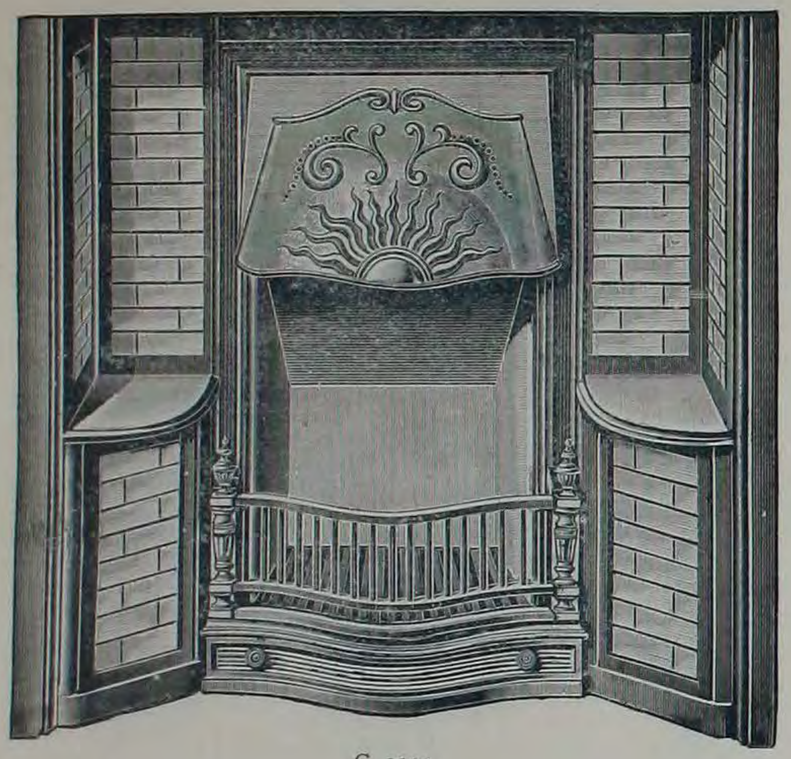
Sizes—38 in. and 40 in. wide × 38 in. high × 18 in. Fire.

Berlin Blacked, Best Finish, with Bronzed Moulding, Canopy, and Ashes Guard £9 3 6



C 3198.

Above are sent with Grating Bottoms unless ordered with Brick Bottoms.



C 3223.

C 3223. Improved Brick Back, Adjustable Canopy with Brass Mouldings, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles.

Sizes—38 in. & 40 in. wide × 38 in. high × 16 in. fire.

Ground and Berlin Blacked £5 15 6

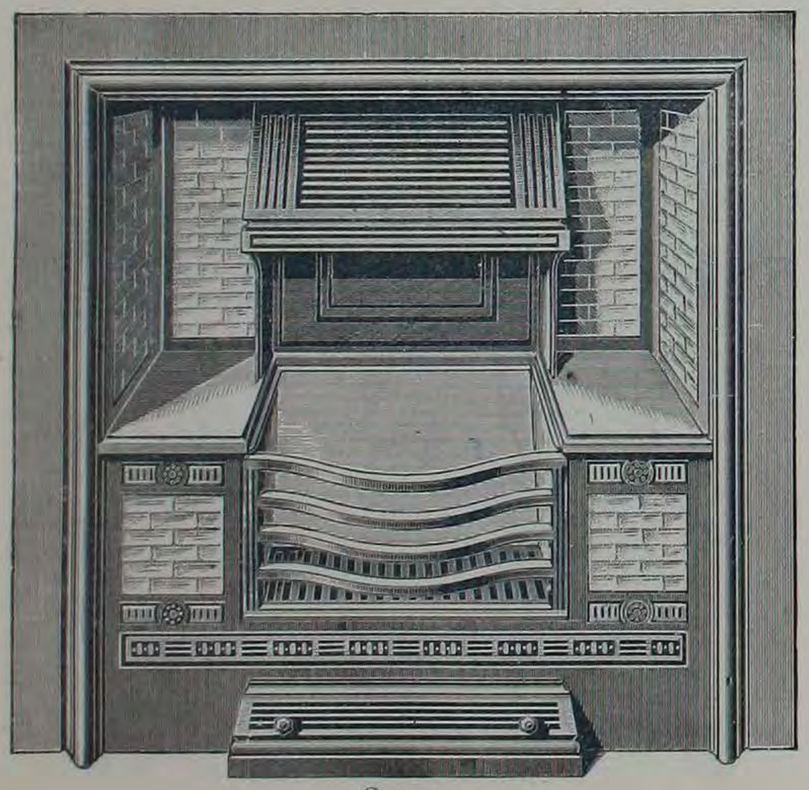
C 3200. Brick Back and Sides, Adjustable Canopy, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 16 in. fire.

Ground and Berlin Blacked £3 17 0
If with Electro Bronzed Canopy, extra 0 13 0
Ashes Tray, with Berlin Blacked Front, to suit above 0 5 6



C 3200.



C 3201.

C 3201. Brick Back and Sides, Lift off Canopy, Ashes Guard with Tray, Coloured Tiles.

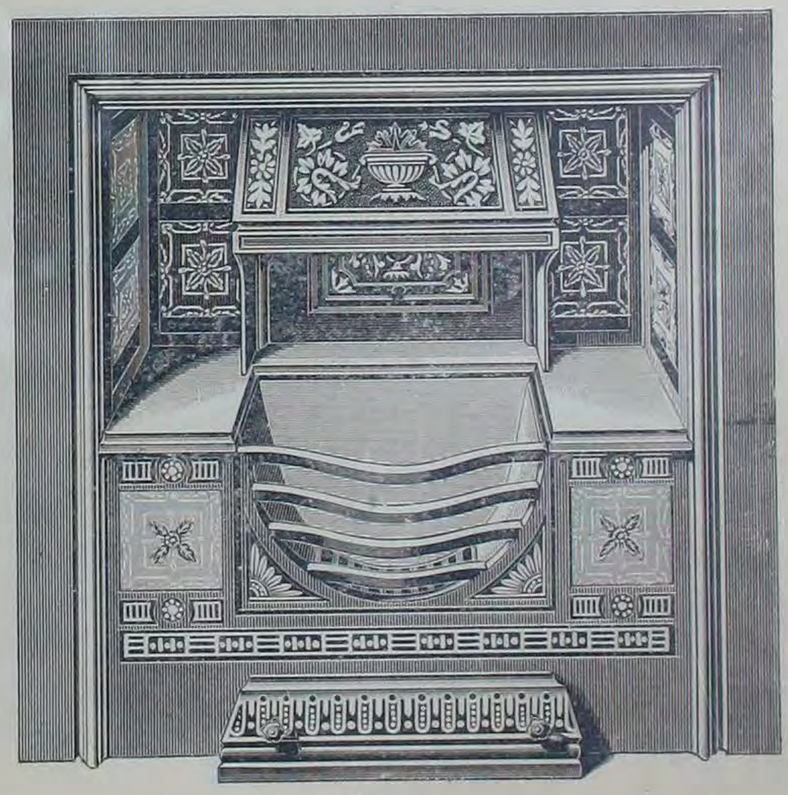
Sizes—36 in. to 40 in. wide × 38 in. high × 15 in. fire.

Ground and Berlin Blacked £4 2 6

C 3202. Brick Back and Sides, Lift off Canopy, Ashes Guard with Tray, Coloured Tiles.

Sizes—36 in. to 40 in. wide × 38 in. high × 15 in. fire.

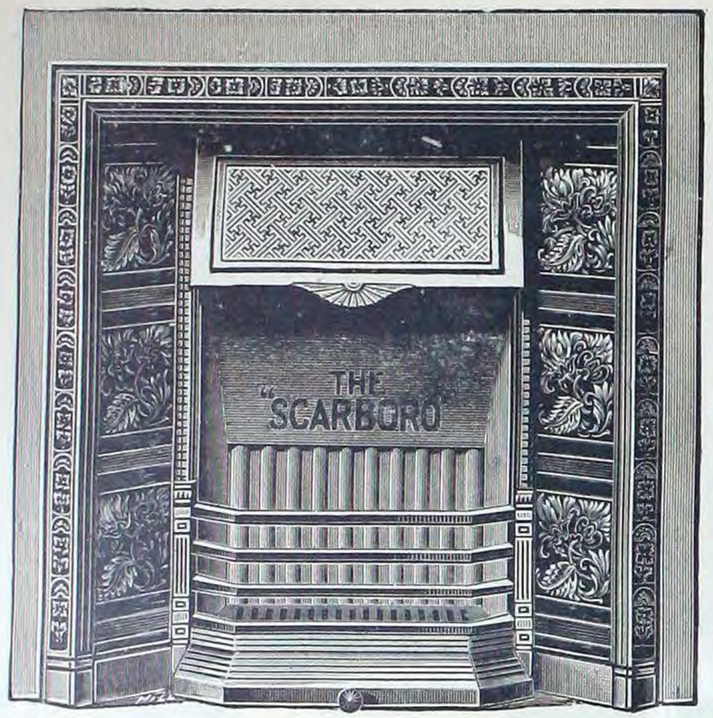
Ground and Berlin Blacked £4 2 6



C 3202.

Further designs sent on receipt of requirements.

Register Grates with Tile Panels and Adjustable Canopies.



C 3203.

C 3203. Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, colored Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 18 in. fire.

Ground and Berlin Blacked	£2	5	0
Ditto better finished	2	8	6
If with Vertical Bars, extra	0	1	9

C 3204 Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked	£2	17	6
If with Electro Bronzed Canopy, extra	0	11	0



C 3204.



C 3205.

C 3205. Improved Brick Back, Adjustable Canopy, Grating Bottom and Ashes Guard, Coloured Tiles.

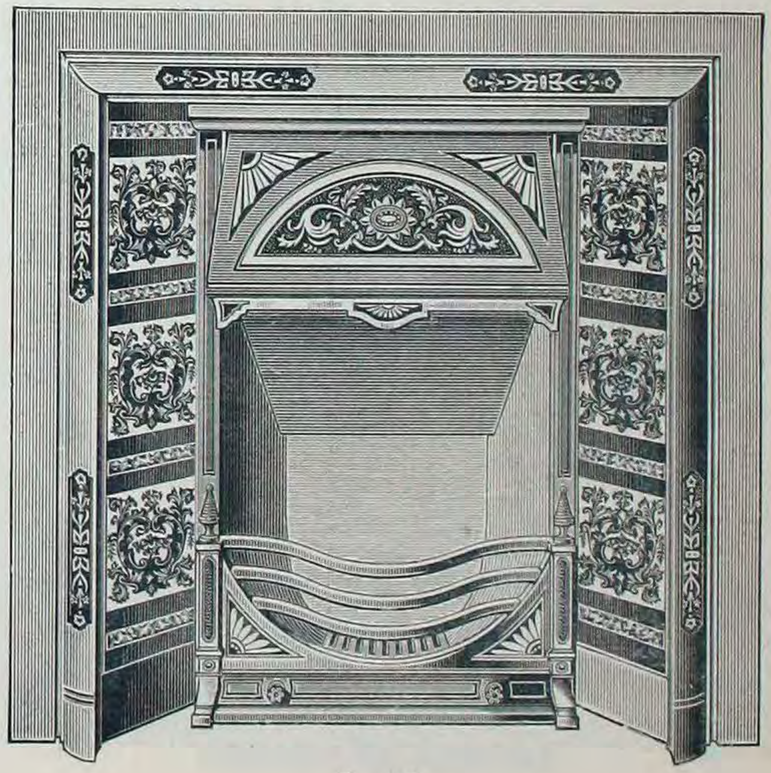
Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked	£3	6	0
If with Electro Bronzed Canopy, extra	0	13	0

C 3206. Improved Brick Back and Sides, with Lift out Bottom Grating, Adjustable Canopy and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

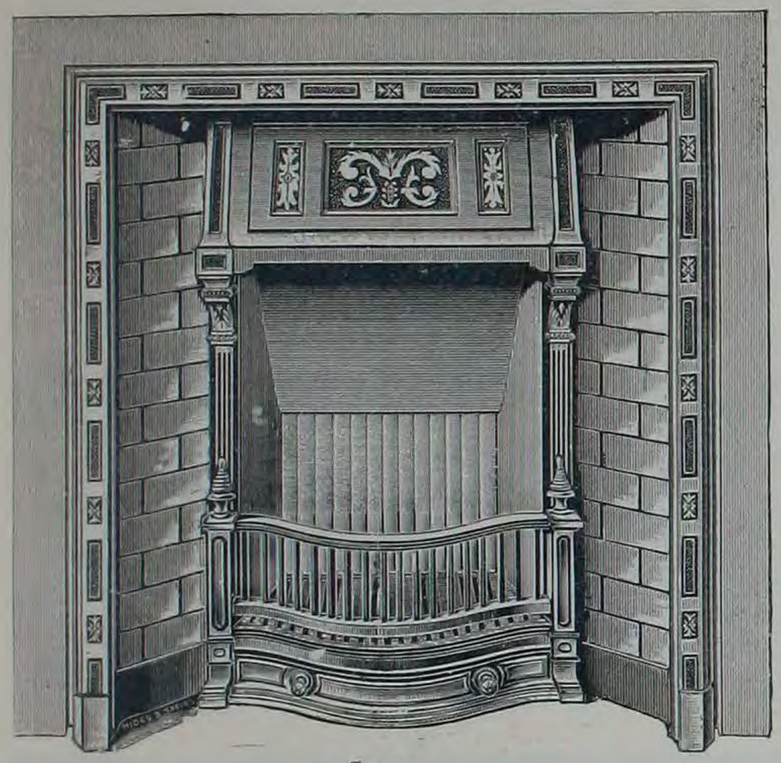
Ground and Berlin Blacked	£3	6	0
If with Electro Bronzed Canopy, extra	0	13	0



C 3206.

For cheaper patterns with Adjustable Canopies, see page 134.

REGISTER GRATES WITH TILE PANELS.



C 3207.

C 3207. Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Ti'es.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked ...	each	£3	6	0
If Electro-Bronzed Canopy, extra	,,	0	16	6

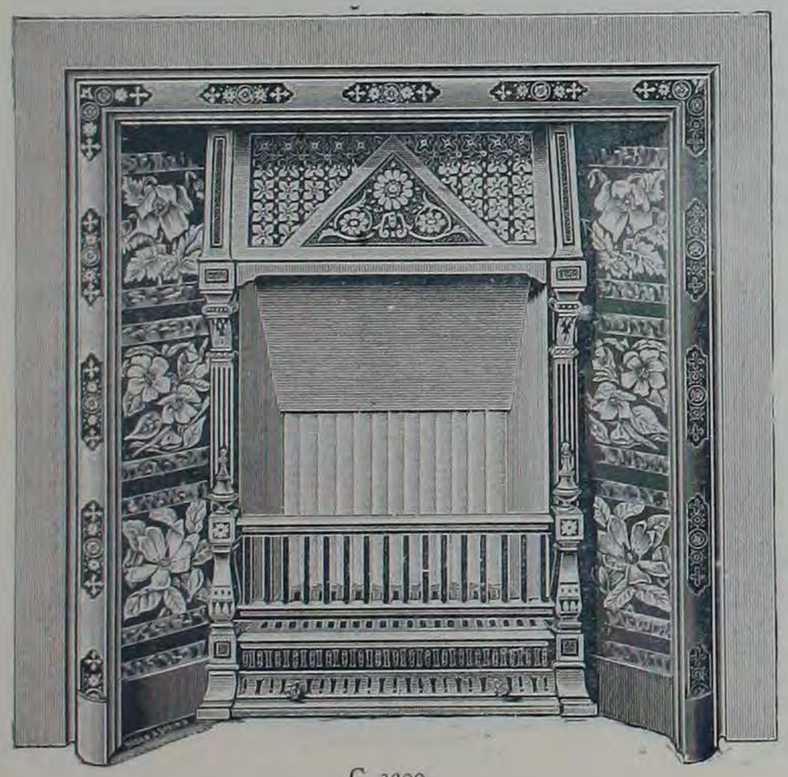
C 3208. Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked ...	each	£3	10	0
If Electro-Bronzed Canopy, extra	,,	0	16	6



C 3208



C 3209

C 3209. Improved Brick Back, Lift-off Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—36 in. to 40 in. wide × 38 in. high × 17 in. fire.

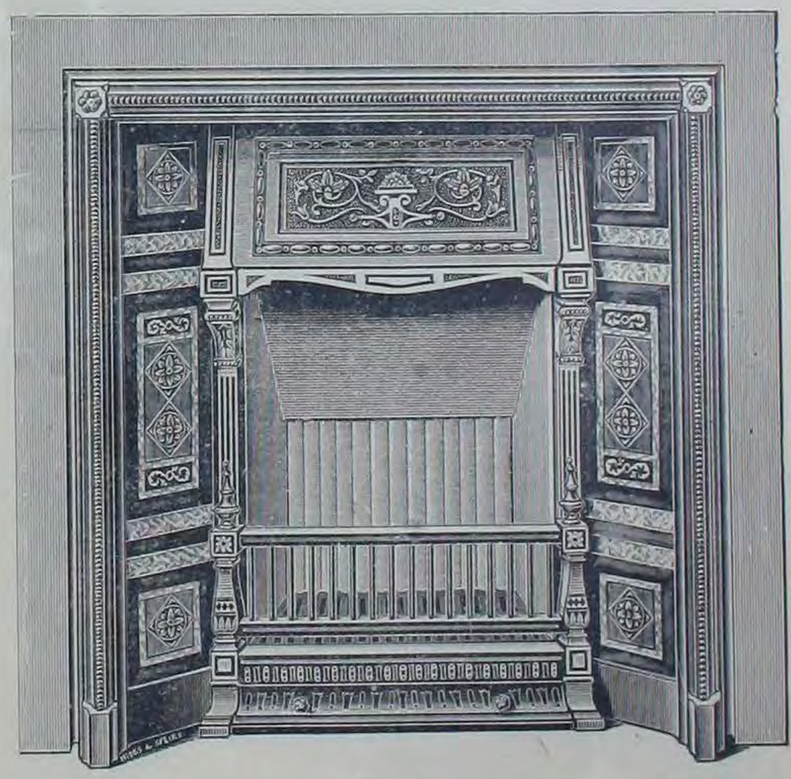
Berlin Blacked, Best Finished ...	each	£4	0	0
If Electro-Bronzed Canopy, extra	,,	0	16	6

C 3210. Improved Brick Back, Lift-off Canopy, Brass Moulding and Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—38 in. and 40 in. wide × 38 in. high × 17 in. fire.

Berlin Blacked, Best Finished ...	each	£6	17	6
If Electro-Bronzed Canopy, extra	,,	0	16	5

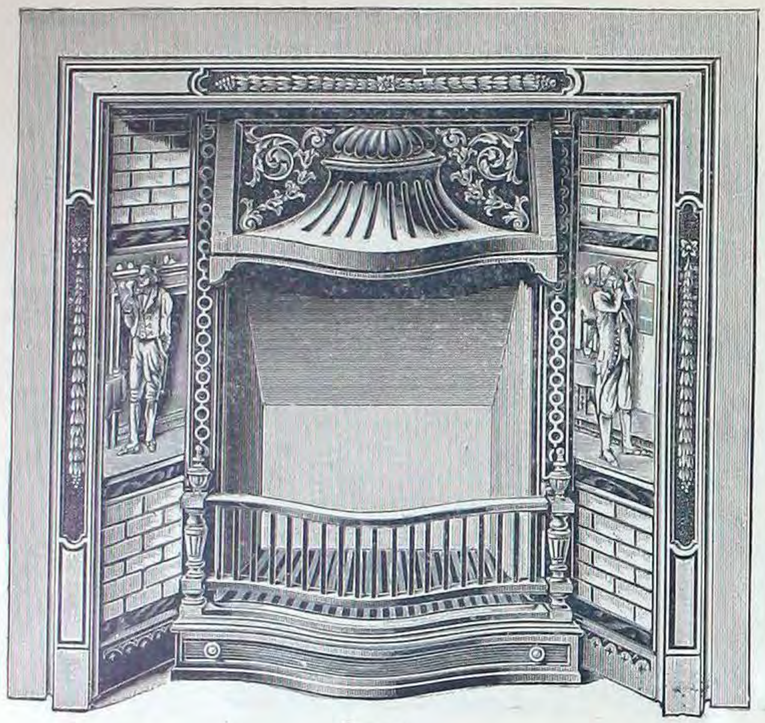
In this pattern Tile Panels are made so as to lift out and admit of Tiles being changed after the Grate is fixed.



C 3210.

Above Grates are fitted with Valve regulating from Canopy. Fire Bricks can be renewed without disturbing the setting of the Grate.

REGISTER GRATES WITH TILE PANELS.



C 3211.

C 3211.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes— 36 in. wide × 38 in. high × 16 in. fire.
38 in. and 40 in. ,, × 38 in. ,, × 18 in. ,,

Ground and Berlin Blacked	...	each	£3	14 6
Ditto Better Finish	...	,,	4	3 6

If Electro-bronzed Canopy ... 13/9 extra.

C 3212.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

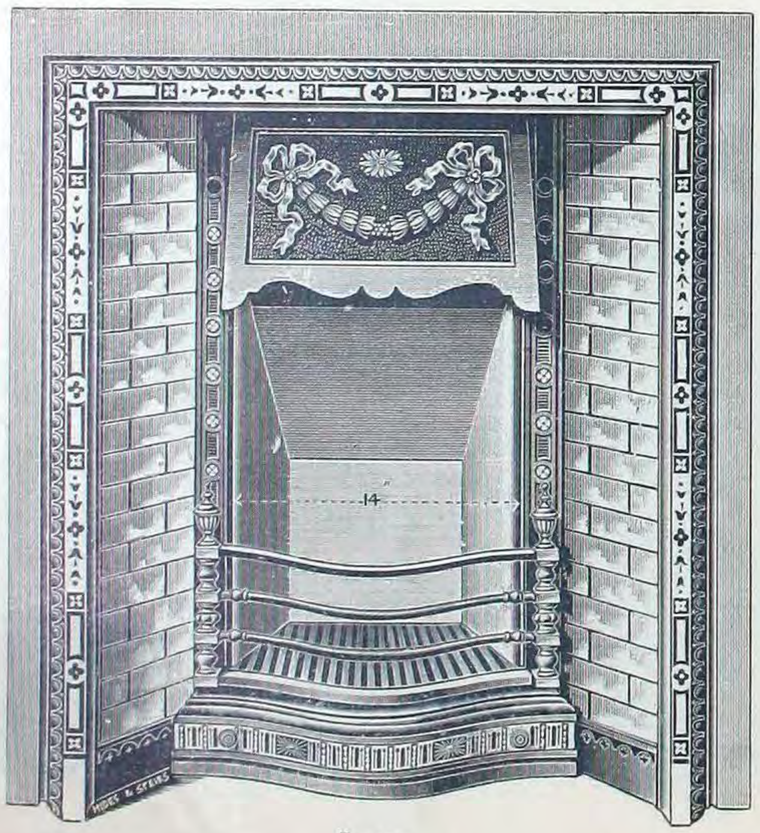
Sizes— 36 in. wide × 38 in. high × 16 in. fire.
38 in. and 40 in. ,, × 38 in. ,, × 18 in. ,,

Ground and Berlin Blacked	...	each	£3	6 0
Ditto Better Finish	..	,,	3	15 6

If Electro-bronzed Panel in Canopy, 9/3 extra.



C 3212.



C 3213.

C 3213.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles.

Sizes—30 in. and 32 in. wide × 36 in. high × 14 in. fire.

Ground and Berlin Blacked	...	each	£3	0 0
Ditto Better Finish	...	,,	3	9 9

If Electro-bronzed Panel in Canopy, 9/3 extra.

C 3214.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes—38 in. and 40 in. wide × 38 in. high × 18 in. fire.

Ground and Berlin Blacked	...	each	£4	2 6
Ditto Better Finish	...	,,	4	11 9

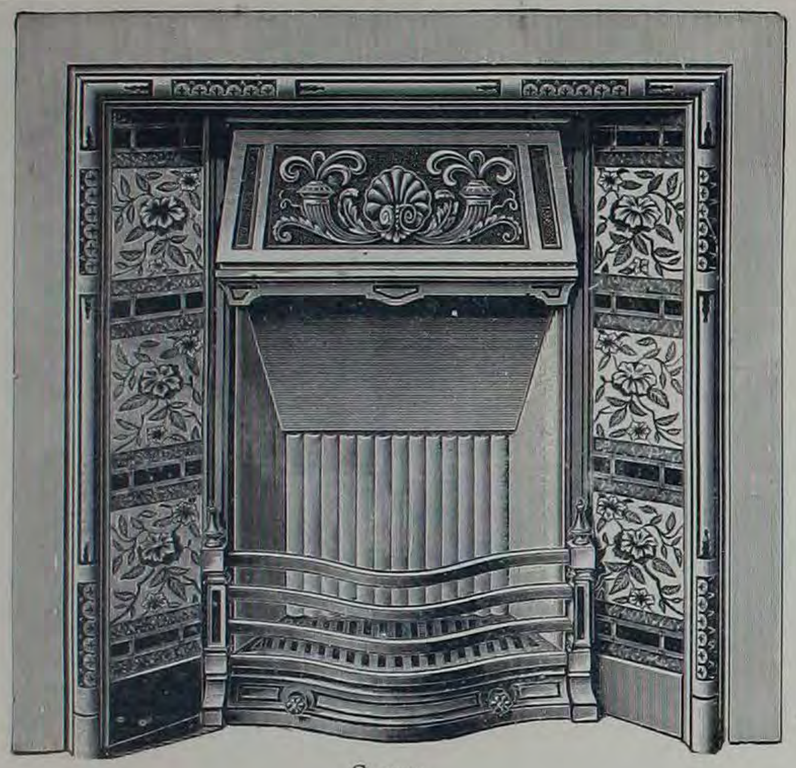
If Electro-bronzed Front Moulding and Electro-bronzed Panel in Canopy ... 27/6 extra.



C 3214.

The Fire Bricks in the above grates can be renewed without disturbing the setting of the grate.

REGISTER GRATES WITH TILE PANELS.



C 3215

C 3215.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked... £3 6 0

If Electro-bronzed Canopy, 13/- extra.

C 3216.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

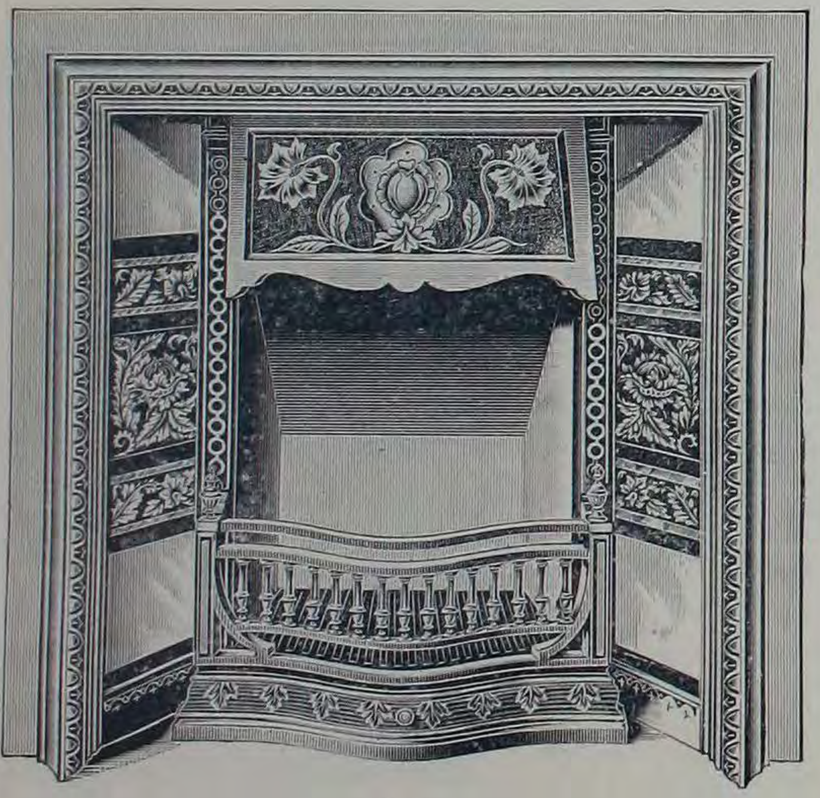
Sizes 36 in. to 40 in. wide × 38 in. high × 17 in. fire.

Ground and Berlin Blacked... £4 0 0

If Electro-bronzed Canopy, 13/- extra.



C 3216.



C 3217.

C 3217.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 36 in. to 40 in. wide × 38 in. high × 18 in. fire.

Berlin Blacked, Best Finish ... £5 5 0

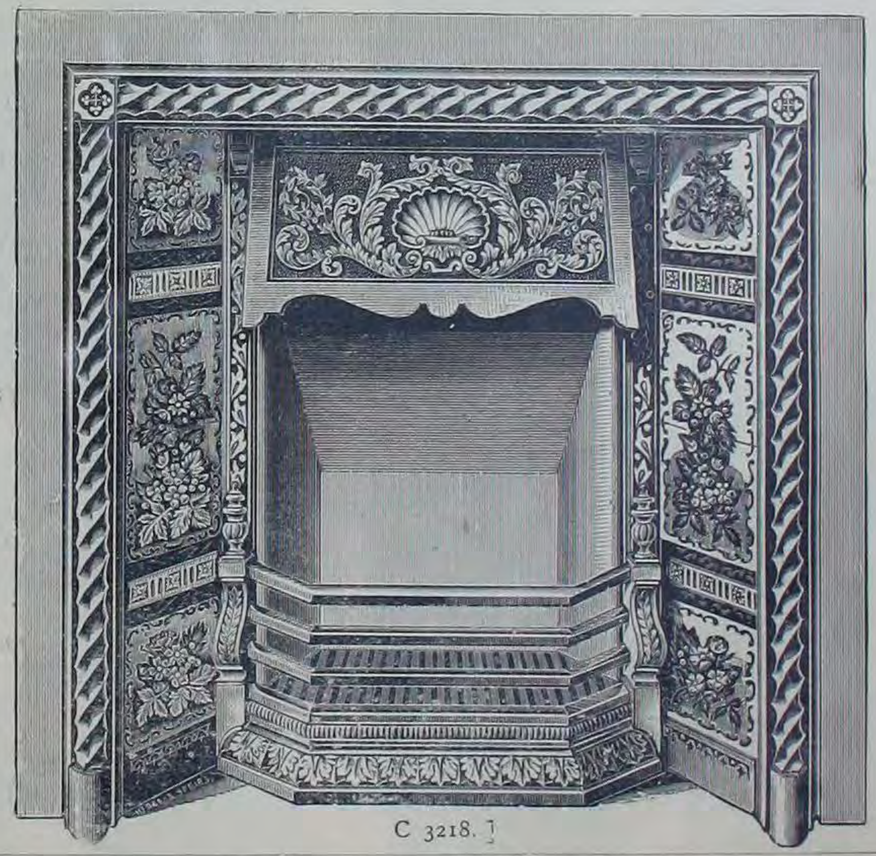
If Electro-bronzed Front Moulding, Electro-bronzed Panel in Canopy, Electro-bronzed Ashes Guard,

32/- extra.

C 3218.—Improved Brick Back, Adjust- Canopy, Brass Moulding and Knobs, Electro bronzed Panel in Canopy, Grating Bottom and Ashes Guard, Coloured Tiles and Strips.

Sizes 38 in. and 40 in. wide × 38 in. high × 18 in. fire.

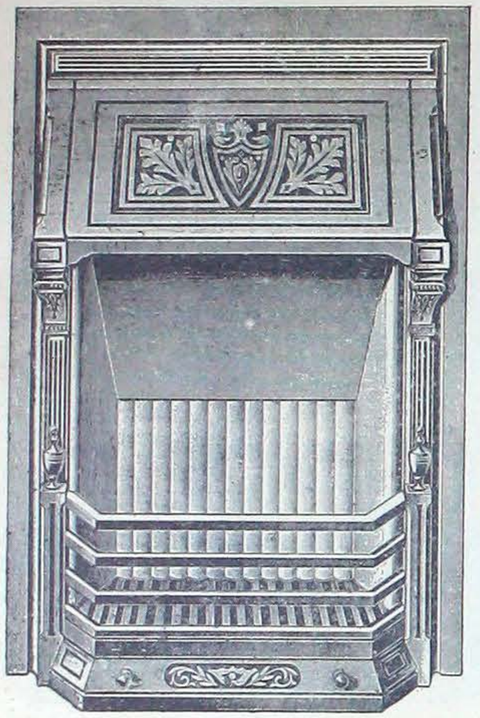
Berlin Blacked, Best Finish ... £6 8 6



C 3218.

The Fire Bricks in the above grates can be renewed without disturbing the setting of the grate.

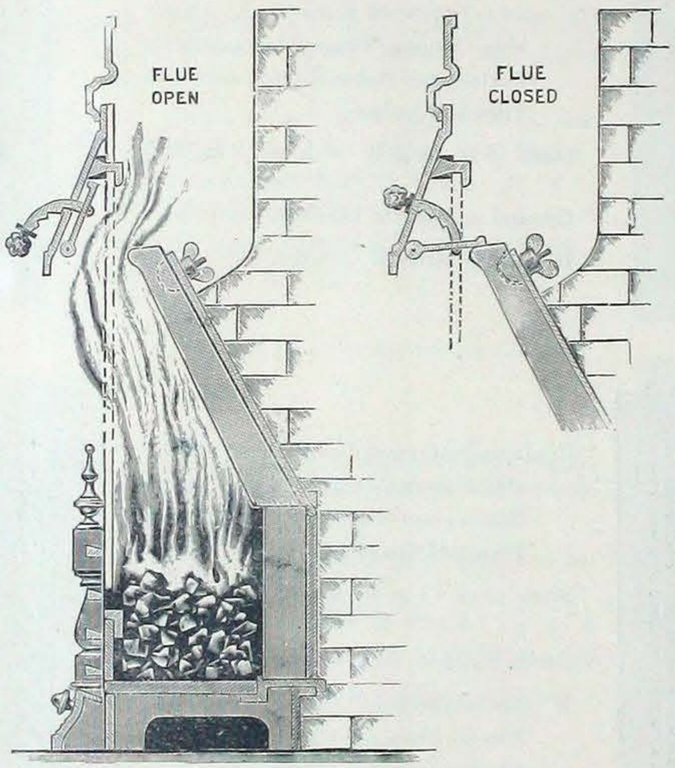
PATENT "LIFT-OFF CANOPY" INTERIORS.

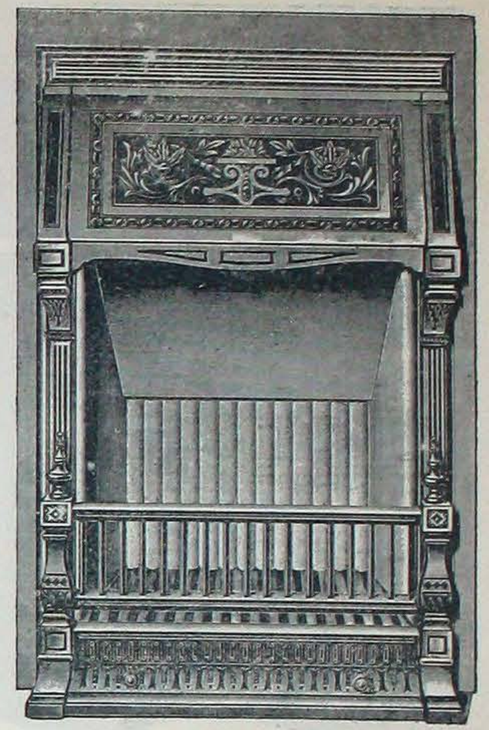


C 3230.

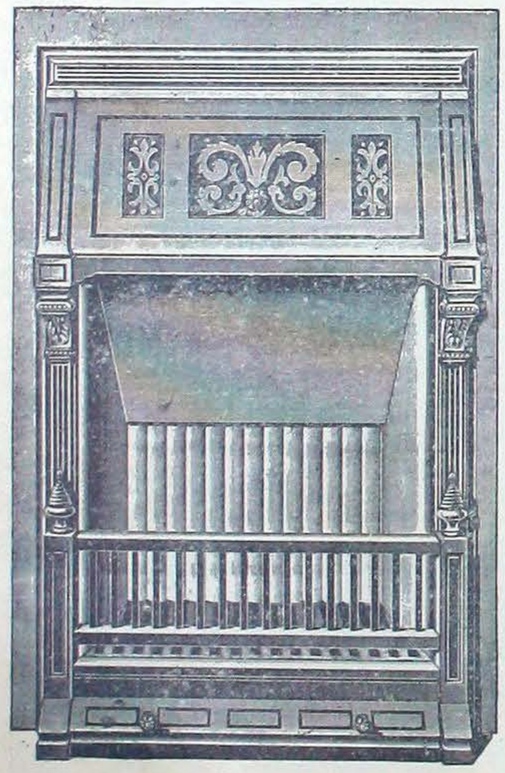
C 3230.—Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in. high × 15 in. fire.
24 in. ,, 26 in. ,, × 38 in. ,, × 17 in. ,,
Ground and Berlin Blacked ... ... £2 6 0 each.
If Electro-Bronzed Canopy ... ... 16/6 extra.

C 3231.—Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in. high × 15 in. fire.
24 in. ,, 26 in. ,, × 38 in. ,, × 17 in. ,,
Ground and Berlin Blacked, with Electro-Bronzed Canopy, Best Finish ... £3 8 0 each.
If with Berl'n Blacked Canopy ... ... 16/6 less.





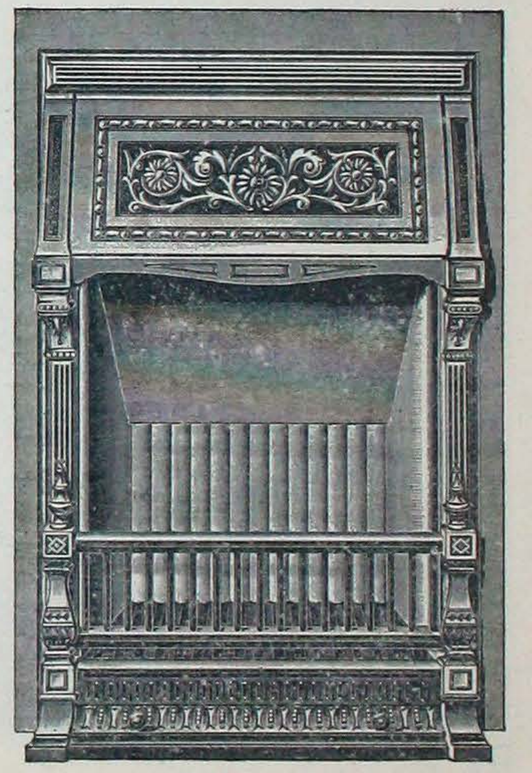
C 3231.



C 3232.

C 3232.—Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in. high × 15 in. fire.
24 in. ,, 26 in. ,, × 38 in. ,, × 17 in. ,,
Ground and Berlin Blacked... ... ... £2 6 0 each.
If with Electro-Bronzed Canopy ... ... 16/6 extra.

C 3233.—Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in. high × 15 in. fire.
24 in. ,, 26 in. ,, × 38 in. ,, × 17 in. ,,
Ground and Berlin Blacked, with Electro-Bronzed Canopy, Best Finish ... £3 8 0 each.
If with Berlin Blacked Canopy ... ... 16/6 less.



C 3233.

Above Grates are fitted with Valve, regulating from Canopy. *Fire Bricks can be renewed without disturbing the grate.*

ENAMELLED TILES FOR FIREPLACES.

6×6


G 1


G 2


G 3


G 4


G 5


G 6


G 7


G 8

PRICES OF

Enamelled Tiles for Fireplaces.

These can be fitted at proportionate prices in any of our Grates which are prepared for 6″ Tiles.

No. G 1,	Enamelled	... ...	6″ × 6″	7/– per dozen.
,, G 2,	,,	... ...	,,	7/– ,,
,, G 3,	Printed and Glazed	..	,,	5/– ,,
,, G 4,	,,	,, ...	,,	5/– ,,
,, G 5,	,,	,, ...	,,	5/– ,,
,, G 6,	,,	,, ...	,,	5/– ,,
,, G 7,	Enamelled	... ...	,,	7/– ,,
,, G 8,	,,	... ...	,,	7/– ,,
,, G 9,	Embossed & Enamelled,		30″ × 6″	7/3 per pair
,, G 10,	,,	,,	,,	9/– ,,
,, G 11,	,,	,,	,,	7/9 ,,
,, G 12,	,,	,,	,,	10/– ,,
,, G 13,	,,	,,	,,	8/3 ,,
,, G 14,	,,	,,	,,	7/9 ,,
,, G 15,	,,	,,	,,	7/3 ,,
,, G 16,	,,	,,	,,	7/3 ,,
,, G 17,	Enamelled	... ...	6″ × 6″	8/3 per dozen.
,, G 18,	,,	... ...	,,	8/3 ,,
,, G 19,	,,	... ...	,,	9/6 ,,
,, G 20,	,,	... ...	,,	9/6 ,,
,, G 21,	,,	... ...	,,	9/6 ,,
,, G 22,	,,	... ...	,,	9/6 ,,
,, G 23,	,,	... ...	,,	9/6 ,,
,, G 24,	,,	... ...	,,	9/6 ,,

Most of the above Tiles can be supplied in a variety of other Colours, but are only kept in Stock as illustrated.

4217./00

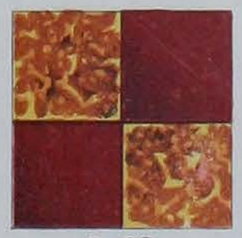

G 13


G 14


G 15


G 16

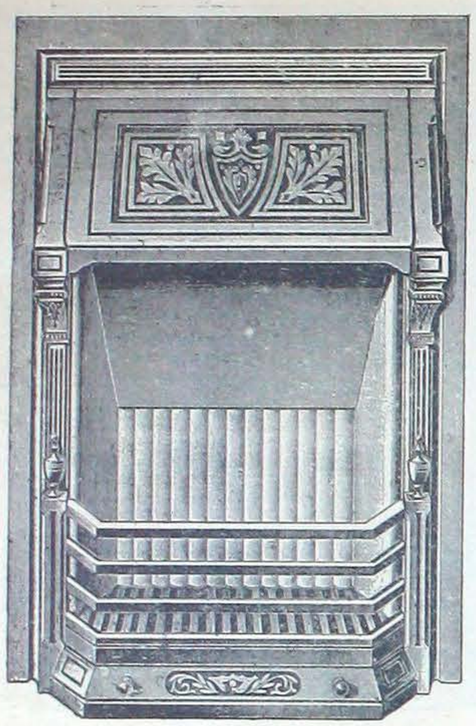

G 21


G 22


G 23


G 24

PATENT "LIFT-OFF CANOPY" INTERIORS.

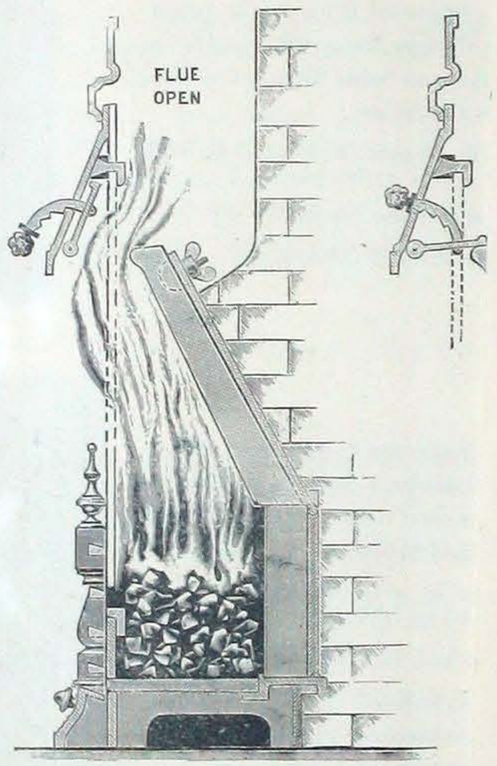


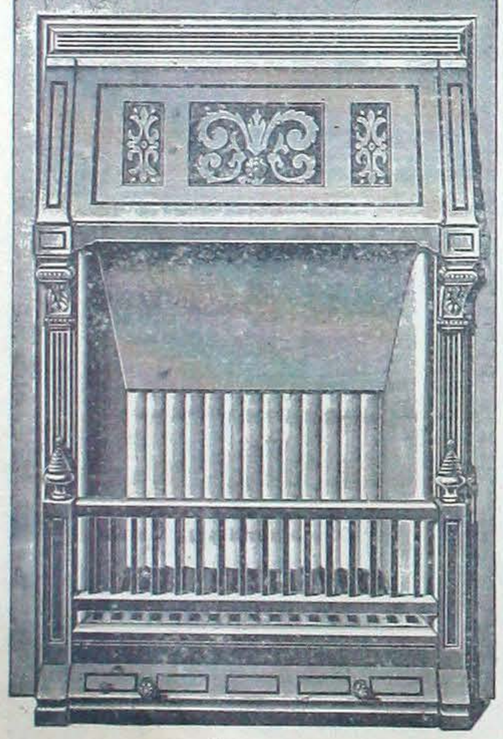
C 3230.

C 3230.—Improved Brick Back, Brass Knobs, Grating Bottom and Ashes Guard.
Sizes—20 in. and 22 in. wide × 38 in. high × 15 in. fire.
24 in. ,, 26 in. ,, × 38 in. ,, × 17 in. ,,
Ground and Berlin Blacked ... ... £2 6 0 each.
If Electro-Bronzed Canopy ... ... 16/6 extra.



C 3231.—Improved Brick Back, Brass Knobs, Grating
Sizes—20 in. and 22 in. wide × 38 in. high
24 in. ,, 26 in. ,, × 38 in. ,,
Ground and Berlin Blacked, with Electro-Bronzed Canopy, Best
If with Berl'n Blacked Canopy ...





C 3232.

C 3232.—Improved Brick Back, Brass Knobs, Grati
Sizes—20 in. and 22 in. wide × 38 in. h
24 in. ,, 26 in. ,, × 38 in.
Ground and Berlin Blacked... ... ...
If with Electro-Bronzed Canopy ...

C 3233.—Improved Brick Back, Brass Knobs, Grati
Sizes—20 in. and 22 in. wide × 38 in. h
24 in. ,, 26 in. ,, × 38 in.
Ground and Berlin Blacked, with Electro-Bronzed Canopy, B
If with Berlin Blacked Canopy ... .

Above Grates are fitted with Valve, regulating from Canopy. *Fire*

ENAMELLED TILES FOR FIREPLACES.

6×6



G 1



G 2



G 3



G 4



G 5



G 6



G 7



G 8

30×6



G 9



G 10



G 11



G 12



G 13



G 14



G 15



G 16

6×6



G 17



G 18



G 19



G 20



G 21



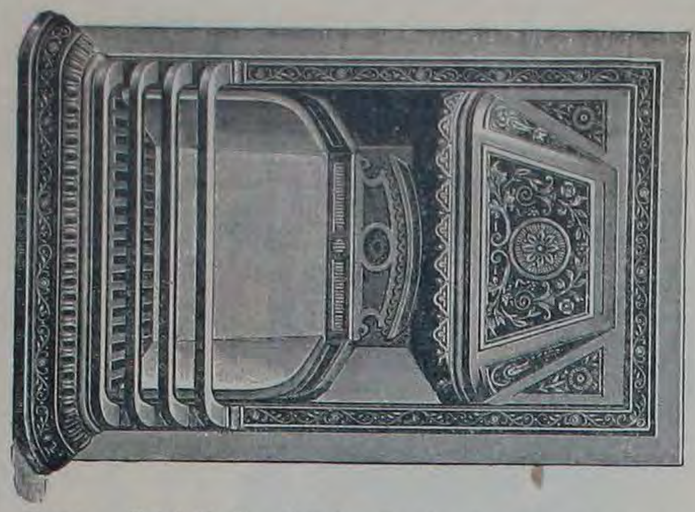
G 22



G 23



G 24

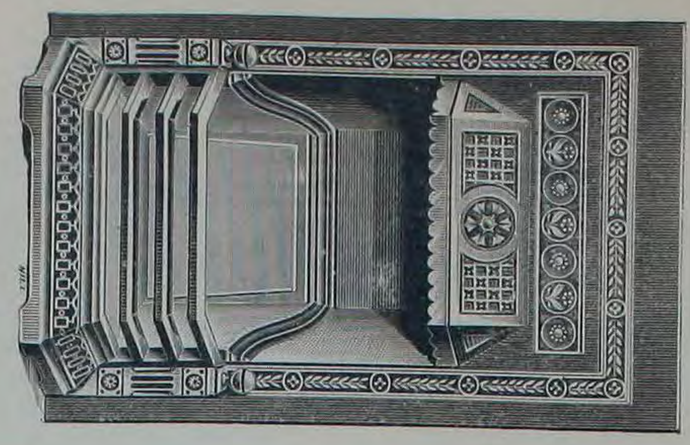


C 3234.—Brick Back and Sides, Grating Bottom, and Ashes Guard.

Sizes—20 in.	22 in.	24 in. wide × 38 in. high.
Fires—14 in.	16 in.	18 in. wide.

Fine Cast and Blacked, 26/9 each; Ground and Berlin Blacked, 30/6 each; better finished, 38/6 each.

Electro-bronzed Canopy, 13/9 extra.

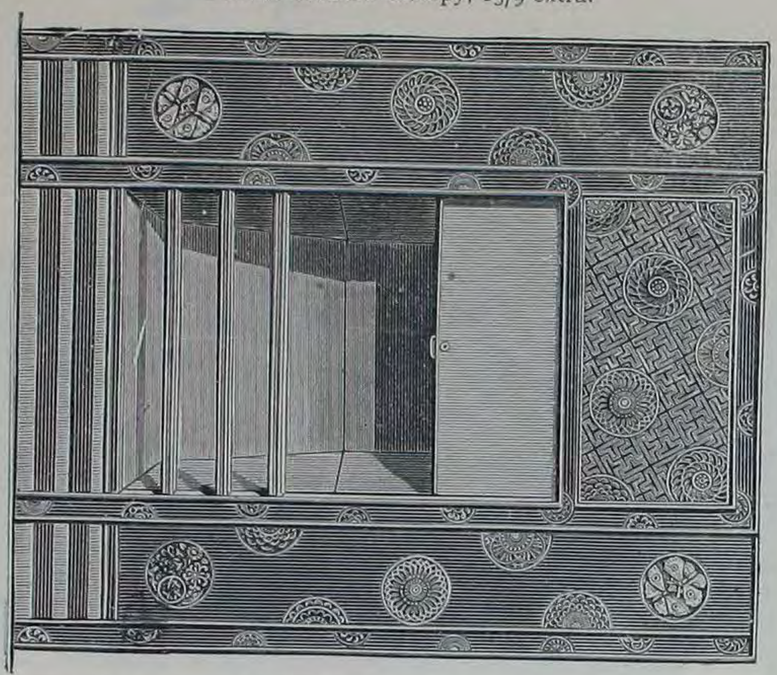


C 280.—Brick Back, with Ashes Guard.

Sizes—18 in.	20 in.	22 in.	24 in. wide × 36 in. or 38 in. high.
Fires—14 in.	14 in.	16 in.	18 in. wide.

Fine Cast and Blacked, 20/6 each; Ground and Berlin Blacked, 23/9 each. better finished, 28/6 each.

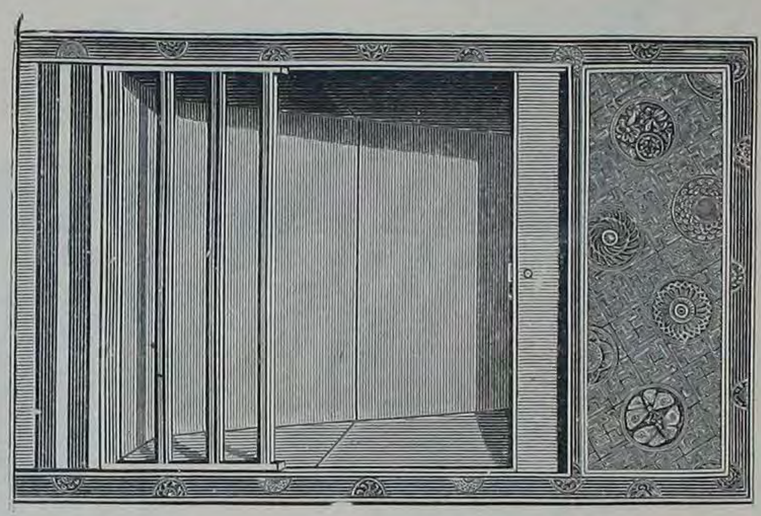
Also supplied with Grated Bottom and Fret same price.



T 283.—Fine Cast and Blacked, with Sliding Blower, Brick Back and Sides to height of fire bars.

Sizes—21 in.	24 in.	27 in.	30 in.	33 in.	36 in.	39 in. wide × 15, 36 in. high.
Fires—	15	15 or 18	18 or 21	15 or 21	15 or 18	18 or 21	21 in. wide.
	34/3	35/9	37/6	41/6	46/9	49/6	52/6 each.

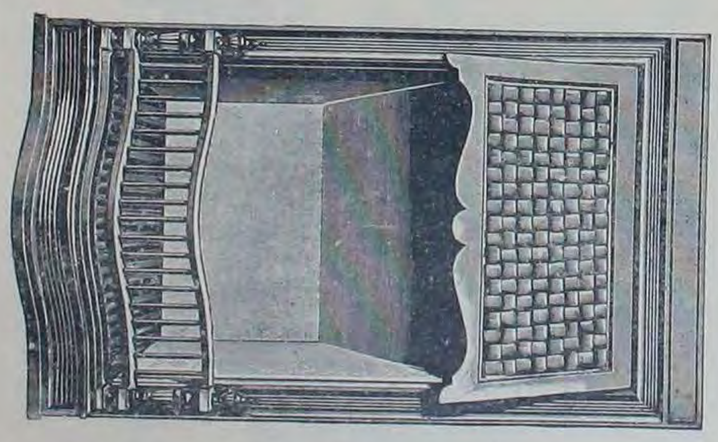
If without Blower, 5/6 each less. If 38 in. high, 3/- extra.



T282.—Fine Cast and Blacked, with Sliding Blower, Fire Brick Back and sides to height of fire bars.

Sizes—16 in.	18 in.	21 in.	24 in. wide × 36 in. high.
Fires—13 in.	15 in.	18 in.	21 in. wide.
30/6	33/-	35/9	38/6 each.

If without Blower, 5/6 each less.

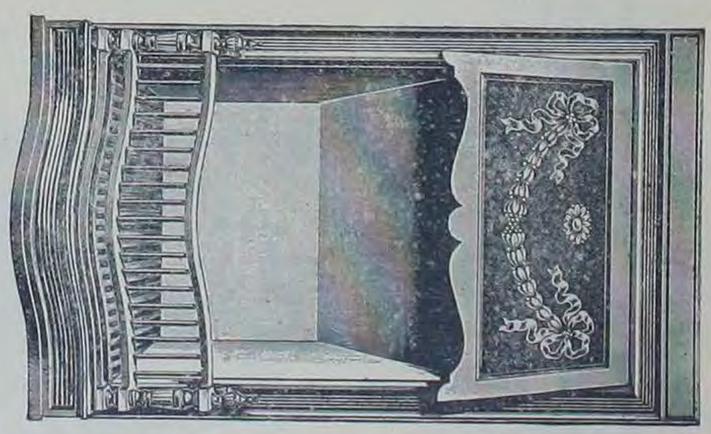


C 3236.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom, and Ashes Guard.

Sizes—18 in.	20 in.	22 in.	24 in. wide × 36 in. or 38 in. high.
Fires—14 in.	14 in.	16 in.	18 in. wide.

Fine Cast and Blacked, 36/- each; Ground and Berlin Blacked, 41/6 each; better finished, 51/- each.

Electro-bronzed Panel in Canopy, 7/6 extra.



C 3235.—Improved Brick Back, Adjustable Canopy, Brass Knobs, Grating Bottom, and Ashes Guard.

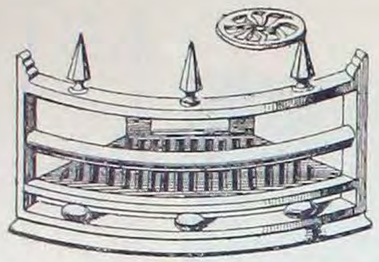
Sizes—18 in.	20 in.	22 in.	24 in. wide × 36 in. or 38 in. high.
Fires—14 in.	14 in.	16 in.	18 in. wide.

Fine Cast and Blacked, 36/- each; Ground and Berlin Blacked, 41/6 each; better finished, 51/- each.

Electro-bronzed Panel in Canopy, 7/6 extra.

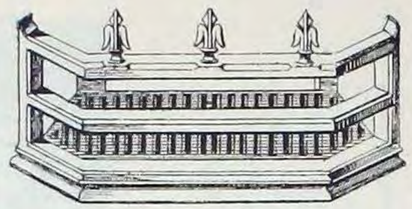
Further details will be sent on receipt of requirements.

LEAMINGTON BARS AND DOG STOVES.



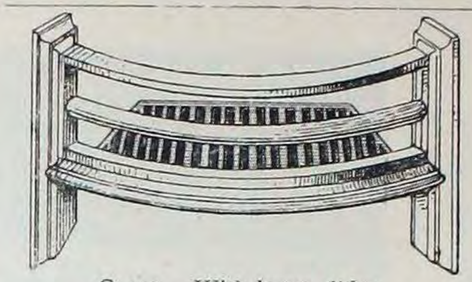
C 290.—Fine Cast, with swing trivet.

Sizes—	16	18	20	22	24 in. over all.
	10/-	11/6	12/-	12/6	14/6 each.



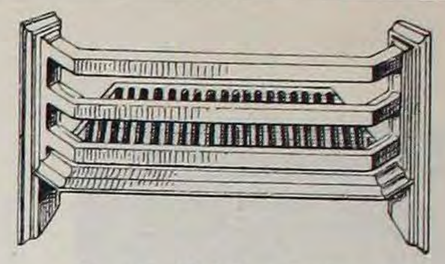
C 291.— Fine Cast, Gothic bars.

Sizes—	18	19½	22	24 in. over all.
	8/-	9/-	12/-	13/3 each.



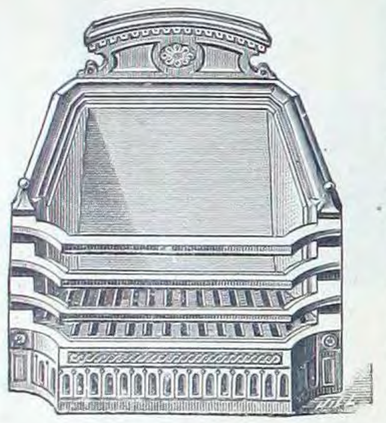
C 292.—With loose slides.

Sizes—	13	14	16	18	20	22	24 in. in clear.
Fine Cast ...	10/-	10/-	10/-	12/-	12/-	16/6	16/6 set.
Ground & Berlin Blacked	17/6	17/6	17/6	20/6	20/6	24/9	24/9 ,,

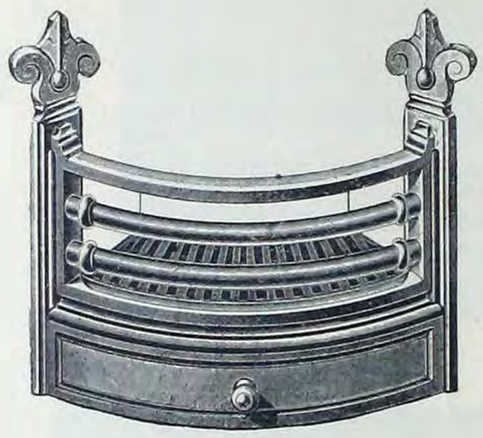


C 293.—With loose slides.

Sizes—	14	16	18	20 in. in clear.
Fine Cast ...	10/-	10/-	10/-	10/- set.
Ground & Berlin Blacked ...	17/6	17/6	20/6	20/6 ,,

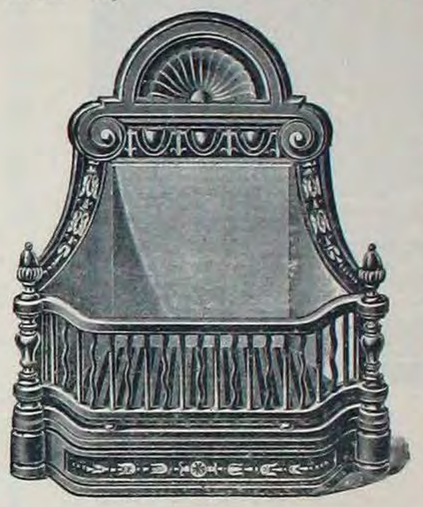


C 296.—Ground and Berlin Blacked... 21/- each.
Fire, 16 in. wide; height of stove, 21 in.

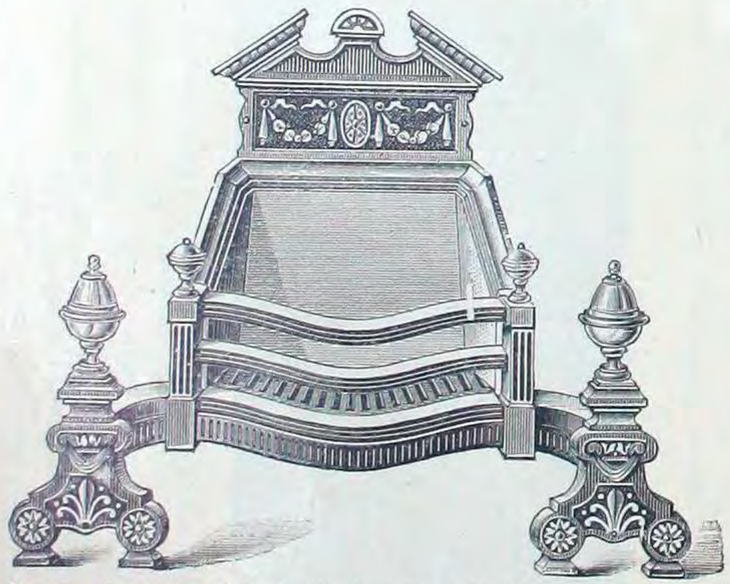


C 3237.—With Loose Slides and Ashes Guard.

Sizes—	18	20	22	24	in. in clear.
Fine Cast ...	19/3	19/3	23/3	26/6	per set.
Ground & Berlin Blacked ..	30/3	30/3	35/9	39/6	,,



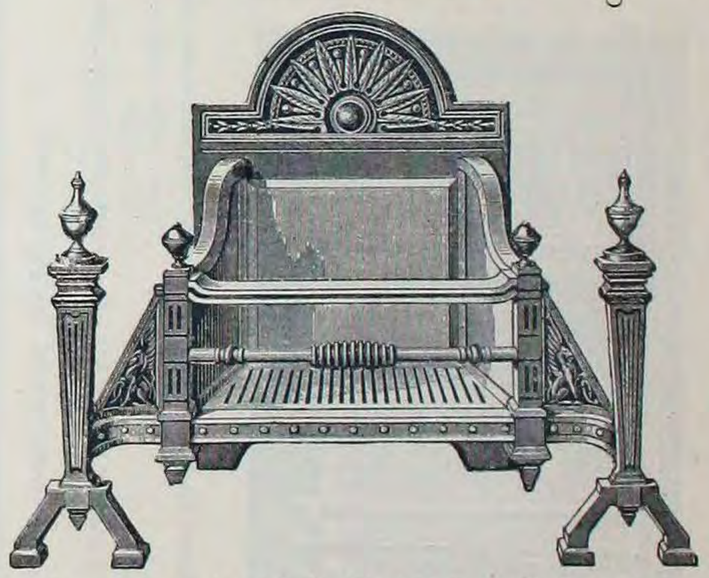
C 3238.—Ground and Berlin Blacked, Brass Knobs and Ashes Guard ... 59/9 ea.
Fire, 18 in. wide; height over all, 26 in.



C 298.—Ground and Berlin Blacked, Brass Knobs on dogs and bars ... ... 67/- each.
If with Brass Pillars, as C 305... ... 18/6 extra.
Size of fire, 16 in.; width over all, 36 in.; height over all, 24½ in.
C 297.—Stove only, without dogs ... ... 52/6 each.



C 295.—Dog Stove Back, Ground and Berlin Blacked.
Sizes—24 27 30 in. wide × 38 in. high.
31/9 35/6 38/6 each.

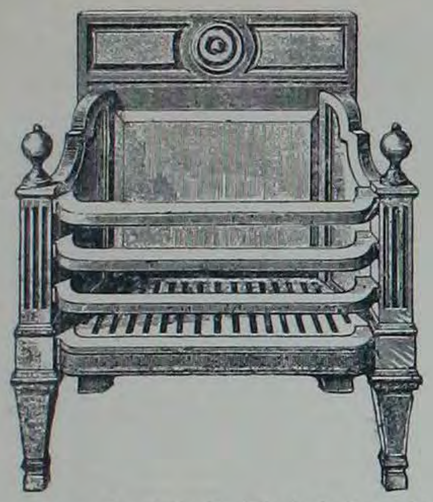


C 299.—Ground and Berlin Blacked, Brass Knobs on dogs and bars.

	Wide. High.	Wide. High.	Wide. High.
Sizes—	33 × 26 in.	35 × 26 in.	37 × 26 in.
Fire—	16 in.	18 in.	20 in.
	130/6	133/6	136/6

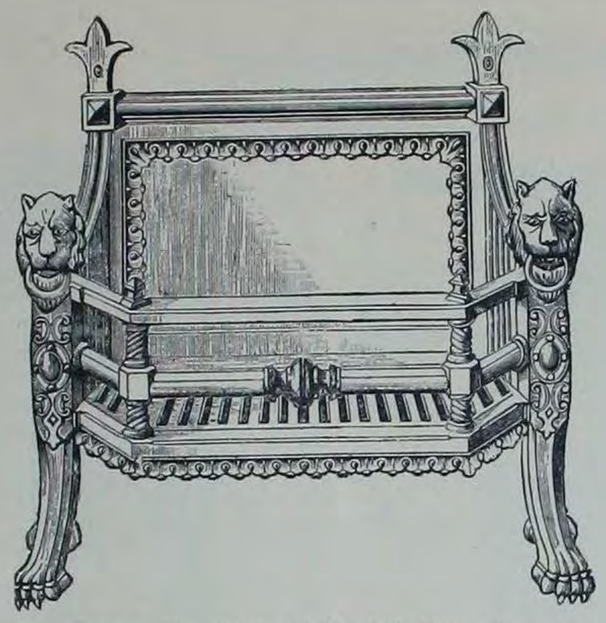
Further details will be sent on receipt of requirements.

DOG STOVES.



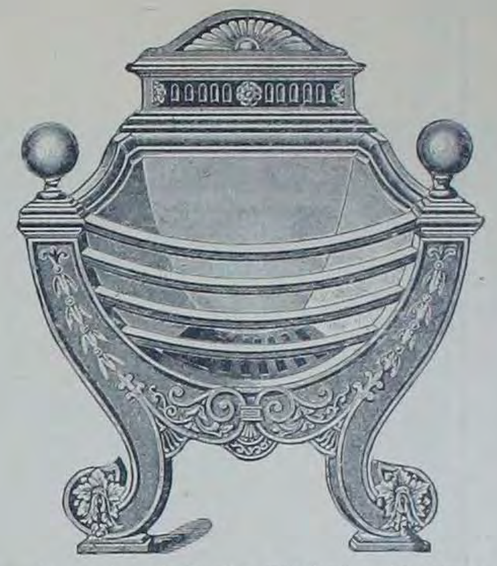
C 302.—Ground and Berlin Blacked, Brass Knobs.

	Wide. High.	Wide. High.	Wide. High.
Sizes	19½ × 22 in.	21½ × 22 in.	23½ × 22 in.
Fire	16 in.	18 in.	20 in. wide.
	78/3	81/-	83/6 each.

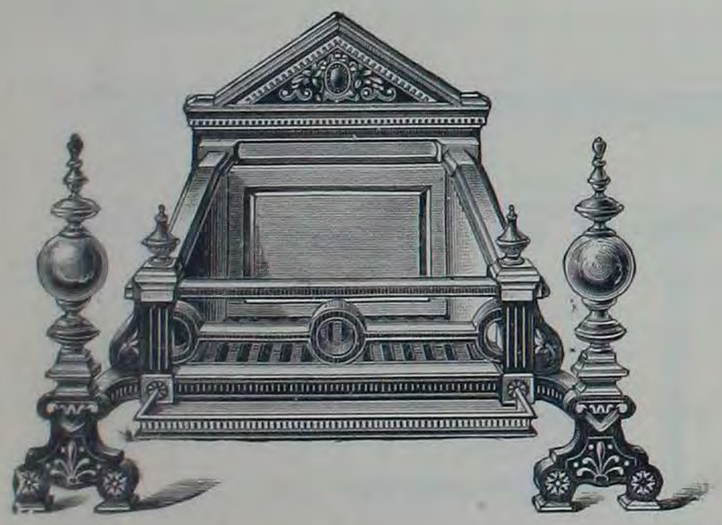


C 303.—Fine Cast and Blacked, Brass rings.

Sizes	24	27	30	33	36 × 31 in. high over all.
Fire	18	21	24	27	30 in. wide.
	67/6	73/6	84/3	94/6	104/9 each.



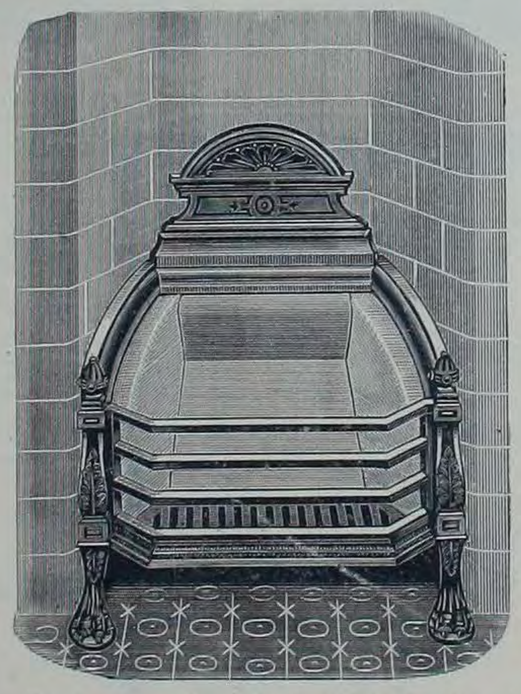
C 3239.—Ground and Berlin Blacked, with Brass Knobs, Best Finish ... £4 11 9 each.
Fire 17 in. wide, Height of Stove 25 in., Extreme Width 23 in.



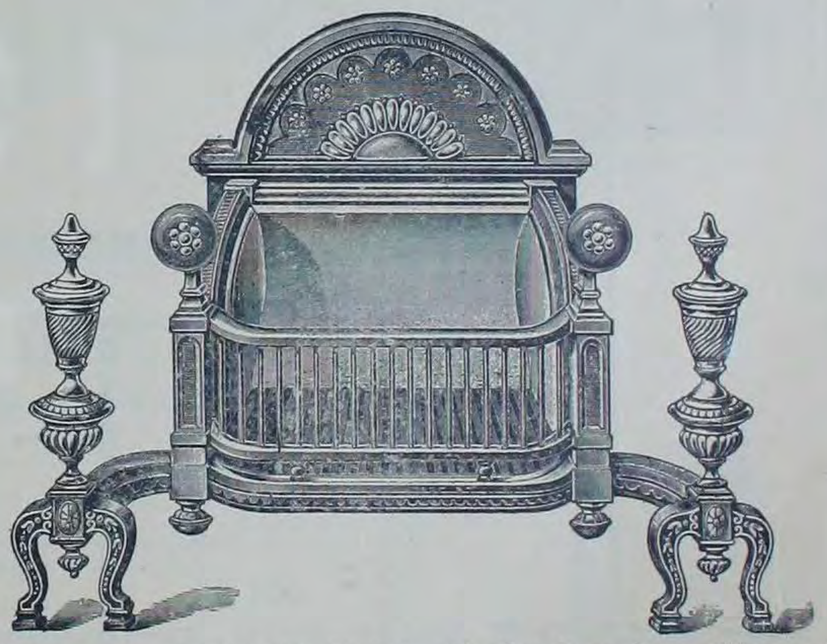
C 305.—Ground and Berlin Blacked, with Brass Pillars on Black Bases, Brass Knobs on Bars, 115/6 each; Best Finished, 122/6 each.

Sizes 34 in. wide × 29 in. high over all, with 16 in. fire.
38 ,, 29 ,, ,, 20 ,,

Brass Front Ashes Drawer, 23/- each extra.



C 306.—Ground and Berlin Blacked, 38/6 each.
Size 21 in. wide × 26 in. high, with 18 in. fire.



C 3240.—Ground and Berlin Blacked, with Cast Brass Dogs, Pillars and Mounts, Best Finish.

Sizes 37 in.	39 in.	43 in. wide × 33 in. high over all.
Fire 18 in.	20 in.	24 in. wide.
£10 2 6	£10 11 0	£11 0 0 each.

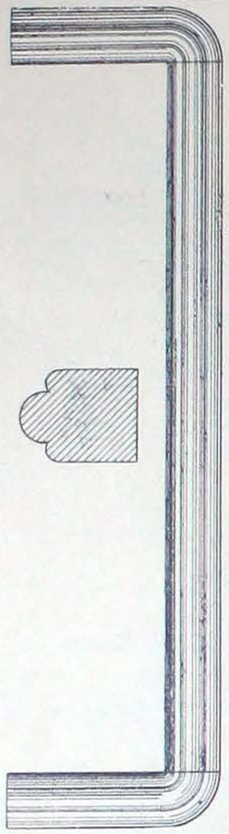
C 304.—Stove only, without Dogs.

Sizes 24½ in.	26½ in.	30½ in. wide × 33 in. high over all.
Fire 18 in.	20 in.	24 in. wide.
£5 10 0	£5 19 6	£6 8 6 each.

Further details will be sent on receipt of requirements.

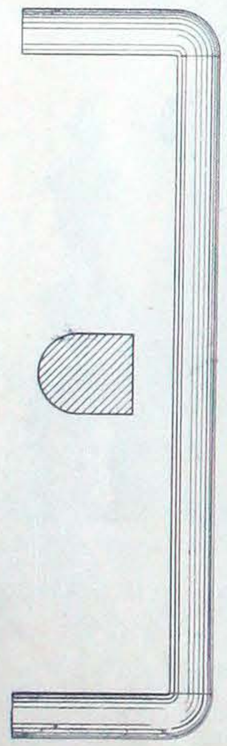
SLATE AND MARBLE CHIMNEY PIECES.

MARBLE FENDER KERBS.



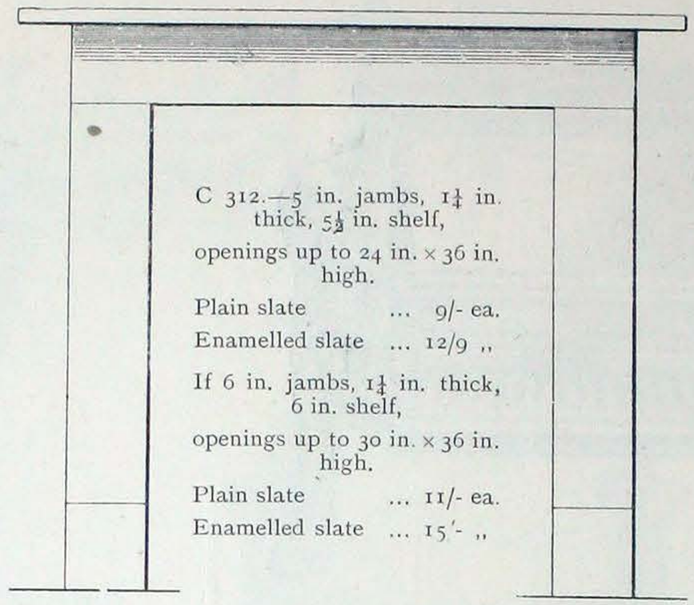
C 311.—Sicilian marble ... ... $3\frac{1}{2} \times 4\frac{1}{2}$ inch.
Red 38/6
St. Ann's ,, ... 42/-
Black ,, ... 45/6
Stock sizes—4 ft. 3 in. long × 12 in. projection inside measurement. 50/-

White or Colored.
Cutting to length ... ... 2/6 extra.
Shortening return ends ... ... 5/- ,,
Also made in slate or any other color marble.

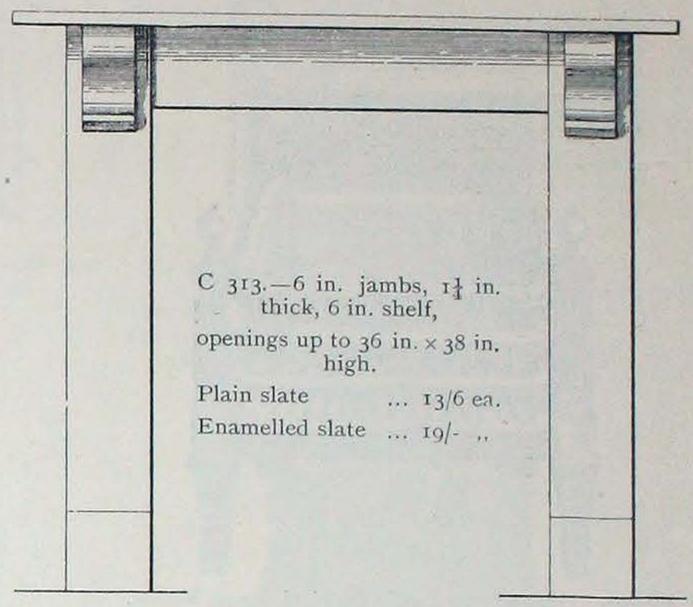


C 310.—Sicilian marble ... ... $3 \times 3\frac{1}{2}$ $3\frac{1}{2} \times 4\frac{1}{2}$ inches.
Red 29/- 37/6
St. Ann's ,, ... 24/6 34/-
Black ,, ... 26/6 37/-
Stock sizes—4 ft. long × 12 in. projection in $3 \times 3\frac{1}{2}$ in. inside measurement. 27/- 37/6
4 ft. 3 in. long × 12 in. ,, $3\frac{1}{2} \times 4\frac{1}{2}$ in. ,, ,,

Cutting to length ... ...
Shortening return ends ... ...
Also made in slate or any other color marble.



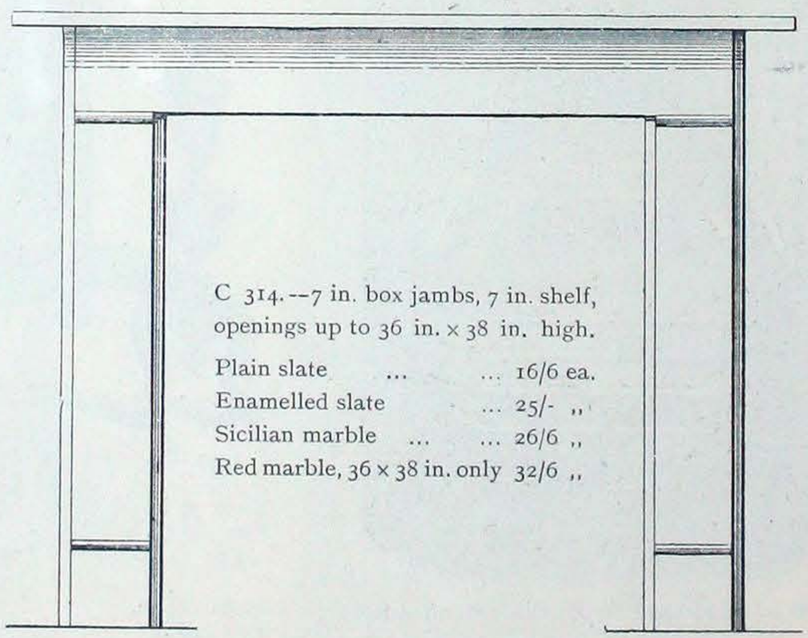
C 312.—5 in. jambs, $1\frac{1}{4}$ in. thick, $5\frac{1}{2}$ in. shelf,
openings up to 24 in. × 36 in. high.
Plain slate ... 9/- ea.
Enamelled slate ... 12/9 ,,
If 6 in. jambs, $1\frac{1}{4}$ in. thick, 6 in. shelf,
openings up to 30 in. × 36 in. high.
Plain slate ... 11/- ea.
Enamelled slate ... 15/- ,,



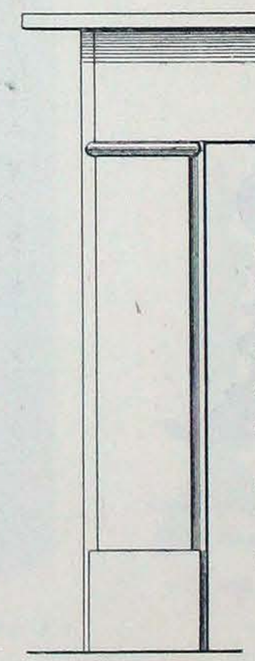
C 313.—6 in. jambs, $1\frac{1}{4}$ in. thick, 6 in. shelf,
openings up to 36 in. × 38 in. high.
Plain slate ... 13/6 ea.
Enamelled slate ... 19/- ,,

PLAIN SLATE KITCHEN CHIMNEY PIECES.

				Without Trusses.	With Trusses.
Openings 3 ft. 6 in × 4 ft.	...	7 in. jambs $1\frac{1}{2}$ in. thick, 7 in. shelf	...	22/6	25/6
,, 4 ft. × 4 ft. 6 in.	...	8 in. ,, ,, 8 in. ,,	...	30/-	33/-
,, 4 ft. 6 in. × 5 ft.	...	9 in. ,, ,, 9 in. ,,	...	38/6	42/-
,, 5 ft. × 5 ft.	...	10 in. ,, ,, 10 in. ,,	...	43/6	47/6



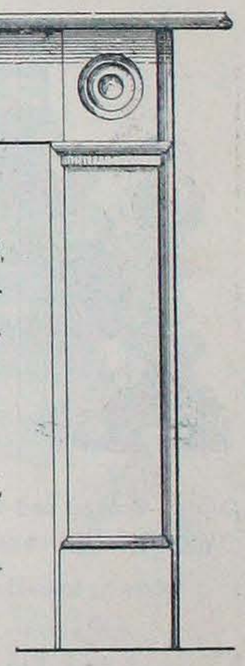
C 314.--7 in. box jambs, 7 in. shelf,
openings up to 36 in. × 38 in. high.
Plain slate ... ... 16/6 ea.
Enamelled slate ... 25/- ,,
Sicilian marble ... ... 26/6 ,,
Red marble, 36 × 38 in. only 32/6 ,,



C 315.

C 315.—8 in. box jambs, 9 in. shelf,
openings up to 36 in. × 38 in. high.
Plain slate ... ... 19/6 ea.
Enamelled slate... ... 26/6 ,,
Sicilian marble ... ... 29/- ,,
Red marble, 36 × 38 in. only 37/6 ,,

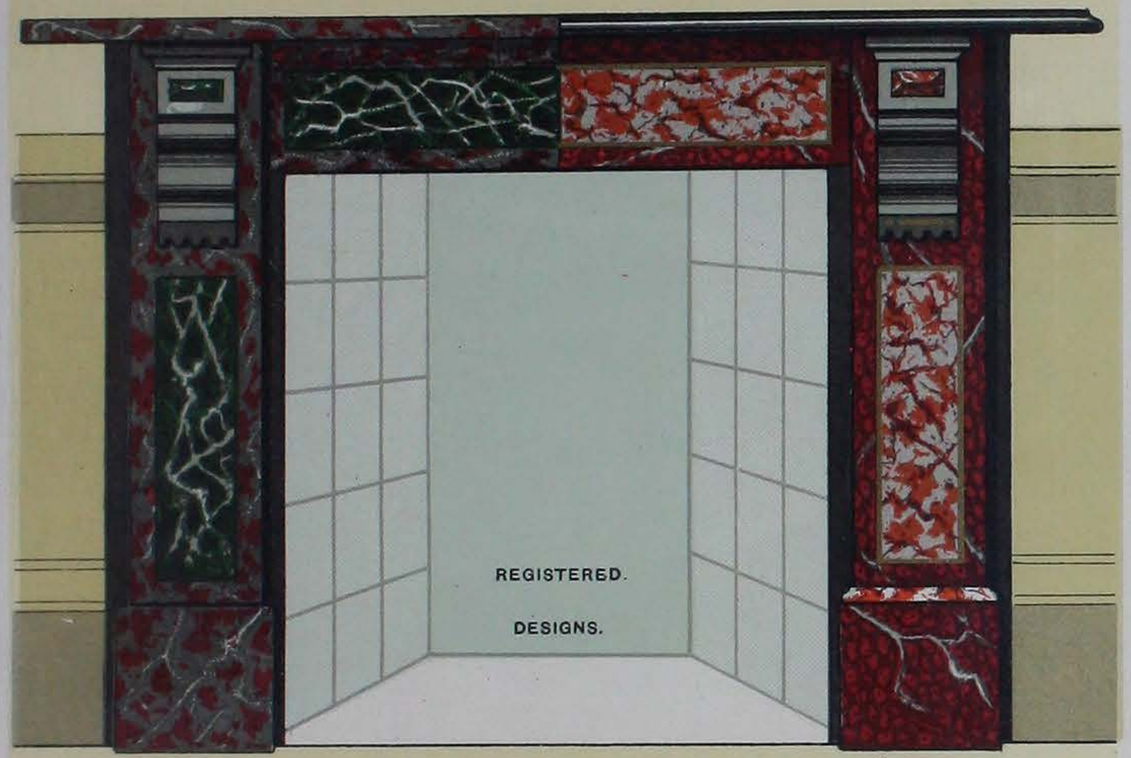
C 316.—9 in. box jambs, 10 in. shelf,
openings 38 in. × 38 in. only.
Lunel marble ... ... 53/6 ea.



C 316.

Further details will be sent on receipt of requirements.

ENAMELLED SLATE CHIMNEY PIECES.



C 3250.

C 3251.



C 3252.

C 3253.

C 3250.

RED SPAR, MORRENS GREEN PANELS, BLACK TRUSSES.

Openings up to 38 in. wide × 38 in. high.

8 in. jambs	...	9 in. shelf	...	...	...	30/-
9 in. „	...	10 in. „	...	...	...	33/-
10 in. „	...	11 in. „	...	...	...	36/9

C 3251.

BLACK AND SERPENTINE, ST. JOHN'S PANELS.

Gilt Lines, Moulded Shelf.

Openings up to 38 in. wide × 38 in. high.

8 in. jambs	...	9 in. shelf	...	...	...	39/-
9 in. „	...	10 in. „	...	...	...	42/-
10 in. „	...	11 in. „	...	...	...	45/9

C 3252.

ST. ANN'S AND BLACK MOUNTINGS.

Openings up to 38 in. wide × 38 in. high.

8 in. jambs	...	9 in. shelf	...	...	...	33/-
9 in. „	...	10 in. „	...	...	...	36/9

C 3253.

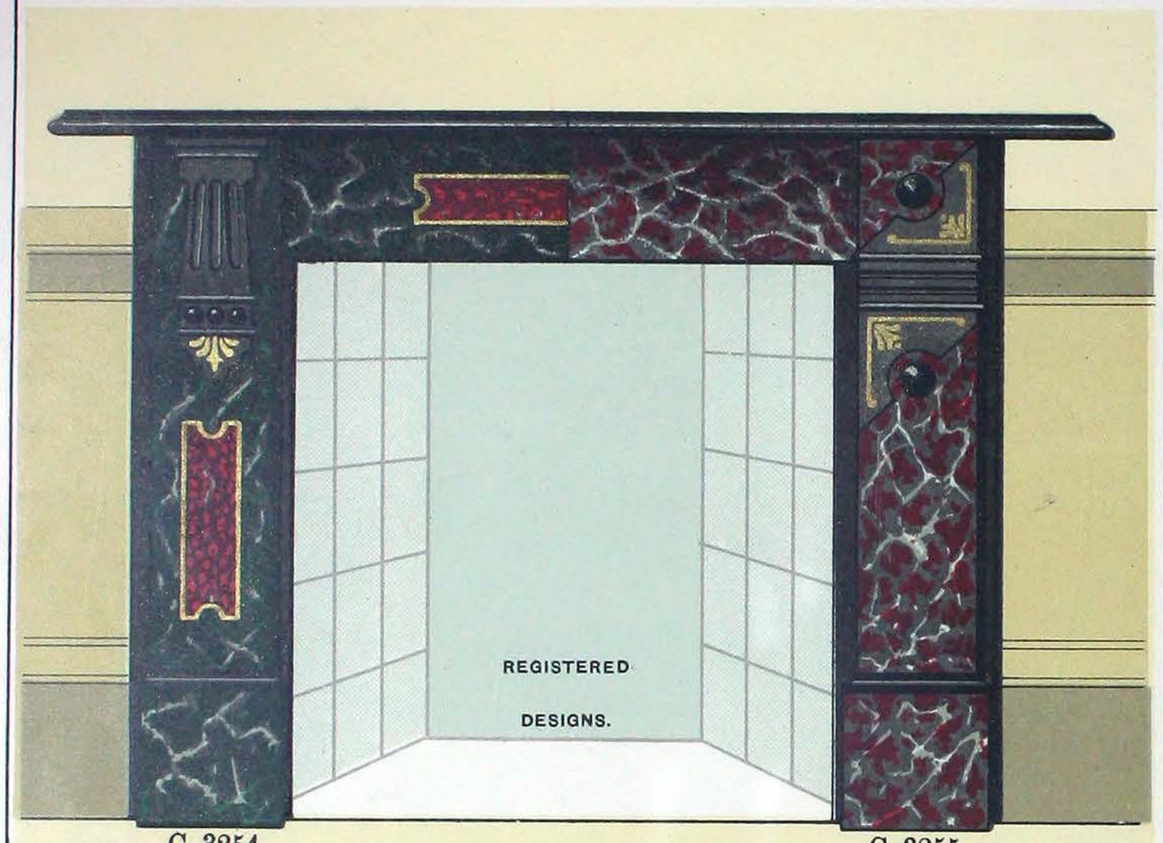
LIZARD SERPENTINE, WITH BLACK MOUNTINGS.

Openings up to 38 in. wide × 38 in. high.

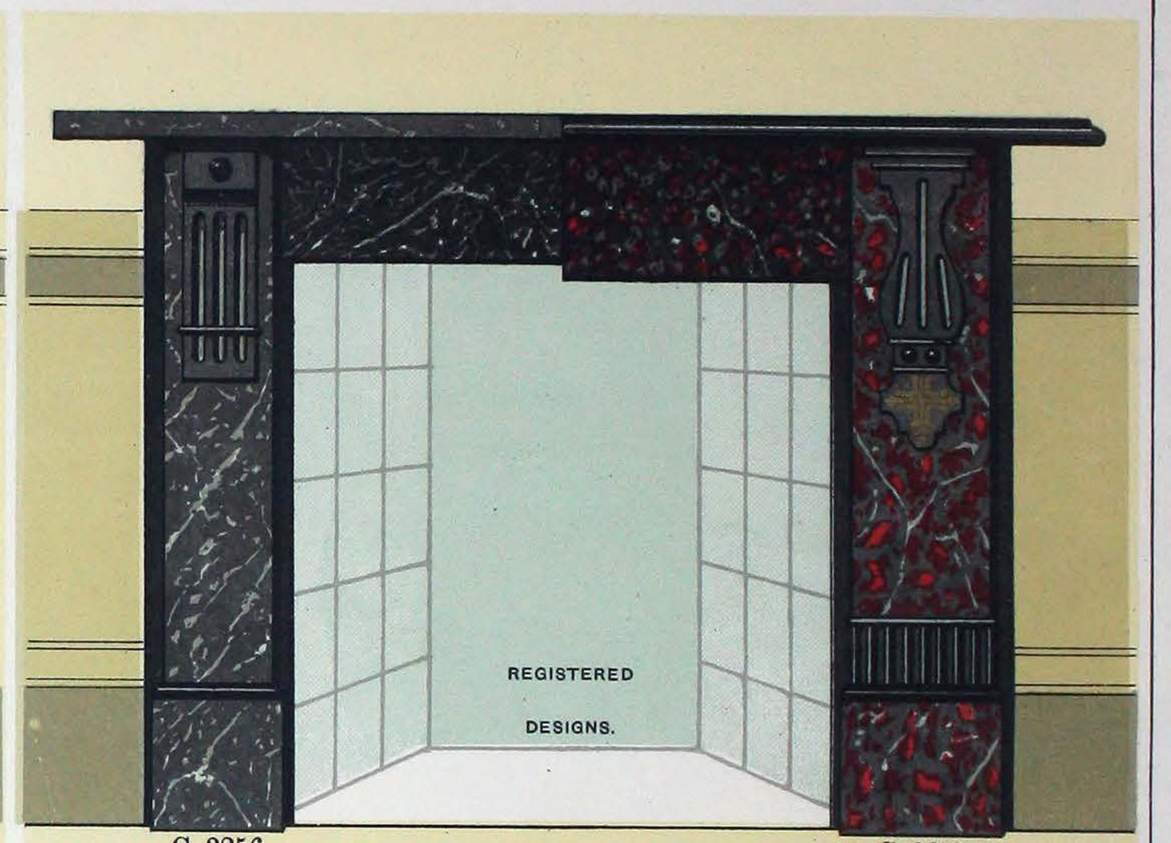
8 in. jambs	...	9 in. shelf	...	...	...	34/6
9 in. „	...	10 in. „	...	...	...	38/3

Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

ENAMELLED SLATE CHIMNEY PIECES.



C 3254.



C 3255.

C 3254.

VERT MORRENS, GRIOTTE PANELS, GOLD LINES, BLACK MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

9 in. jambs	...	10 in. shelf	...	...	...	57/6
10 in. „	...	11 in. „	...	...	...	61/6

C 3255.

RED SPAR, BLACK MOUNTINGS, GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

8 in. jambs	...	9 in. shelf	...	...	...	40/6
9 in. „	...	10 in. „	...	...	...	44/3

C 3256.

C 3257.

C 3256.

ST. ANN'S, WITH BLACK MOUNTINGS.

Openings up to 38 in. wide × 38 in. high.

8 in. jambs	...	9 in. shelf	...	...	...	37/6
9 in. „	...	10 in. „	...	...	...	42/-

C 3257.

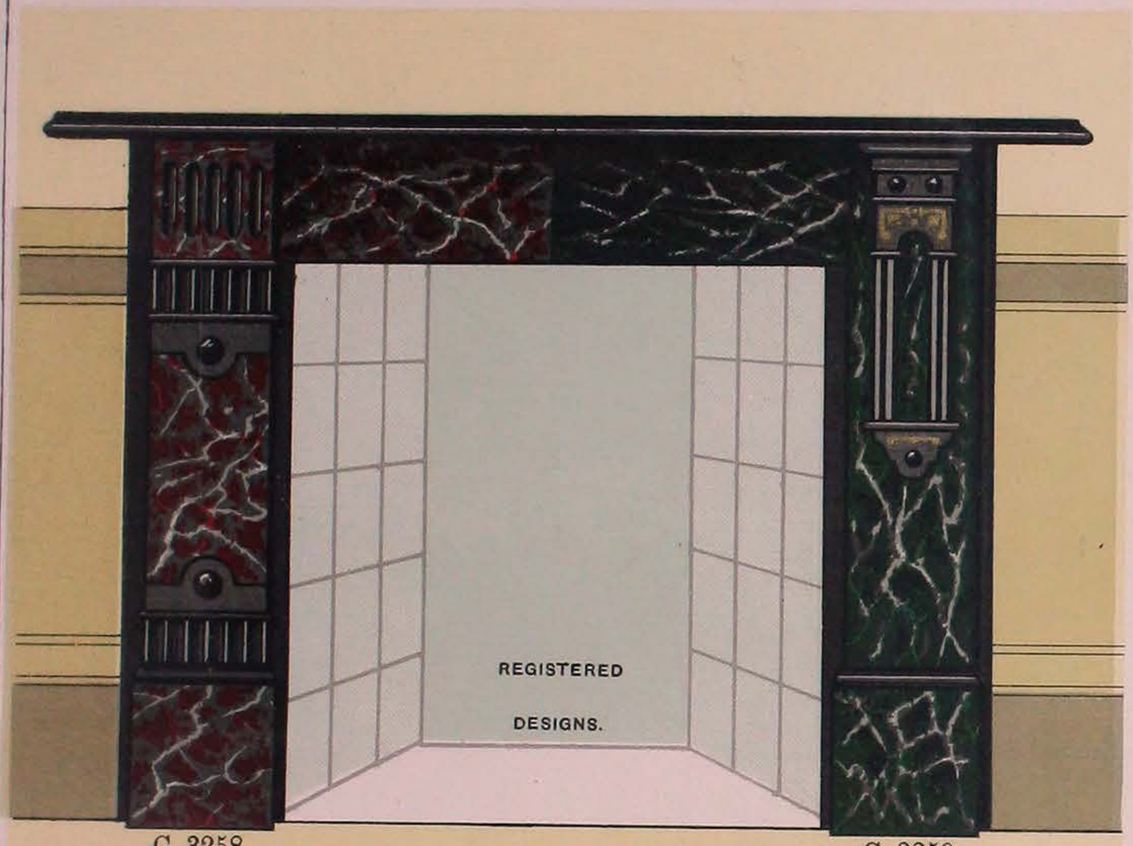
COVERACK, WITH BLACK MOUNTINGS AND GILT ORNAMENT, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

9 in. jambs	...	10 in. shelf	...	...	...	64/6
10 in. „	...	11 in. „	...	...	...	69/-

Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

ENAMELLED SLATE CHIMNEY PIECES.



C 3258.

C 3259.

C 3258.

RED SPAR, WITH BLACK MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

9 in. jambs	...	10 in. shelf	...	...	...	60/-
10 in. „	...	11 in. „	...	...	...	64/6

C 3259.

VERT GREEN, WITH BLACK MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

9 in. jambs	...	10 in. shelf	...	...	...	67/6
10 in. „	...	11 in. „	...	...	...	72/-



C 3260.

C 3261.

C 3260.

GRIOTTE, WITH LIMESTONE PANELS, BLACK MOUNTINGS AND GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

9 in. jambs	...	10 in. shelf	...	...	...	54/-
10 in. „	...	11 in. „	...	...	...	58/6

C 3261.

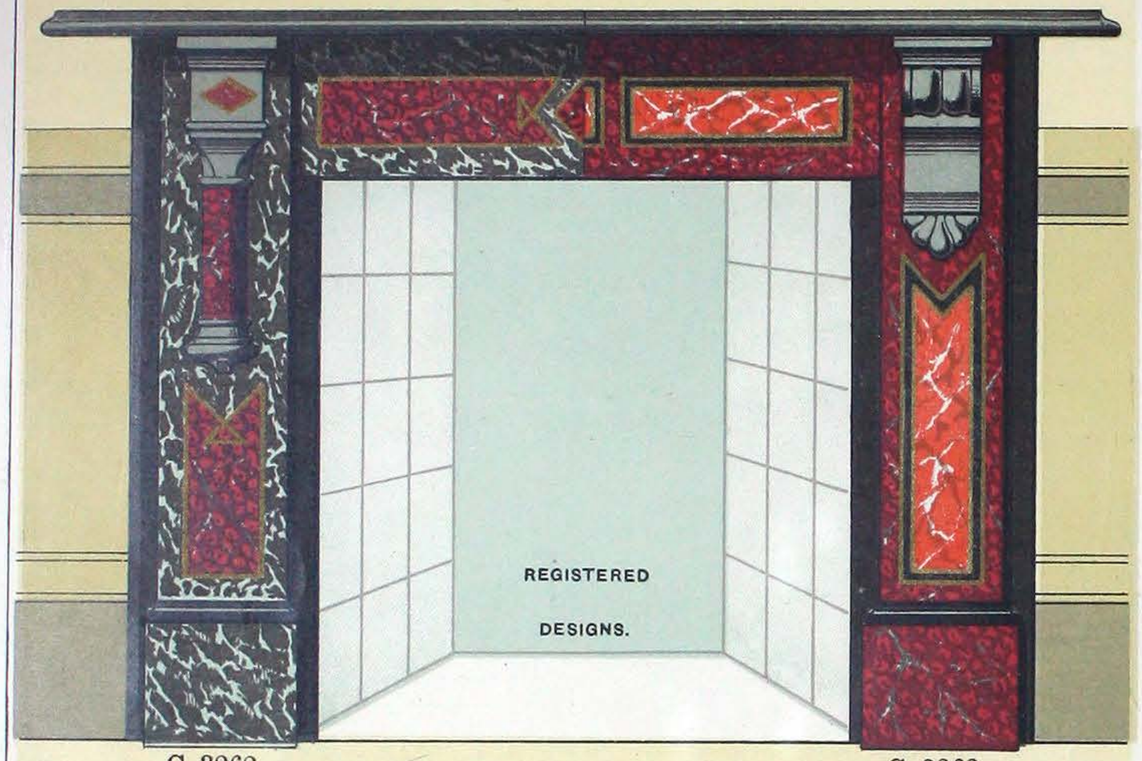
ST. ANN'S, WITH ST. CATHERINE'S PANELS, BLACK, AND ST. CATHERINE'S MOUNTS, GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

10 in. jambs	...	11 in. shelf	...	...	...	70/6
12 in. „	...	13 in. „	...	...	...	84/-

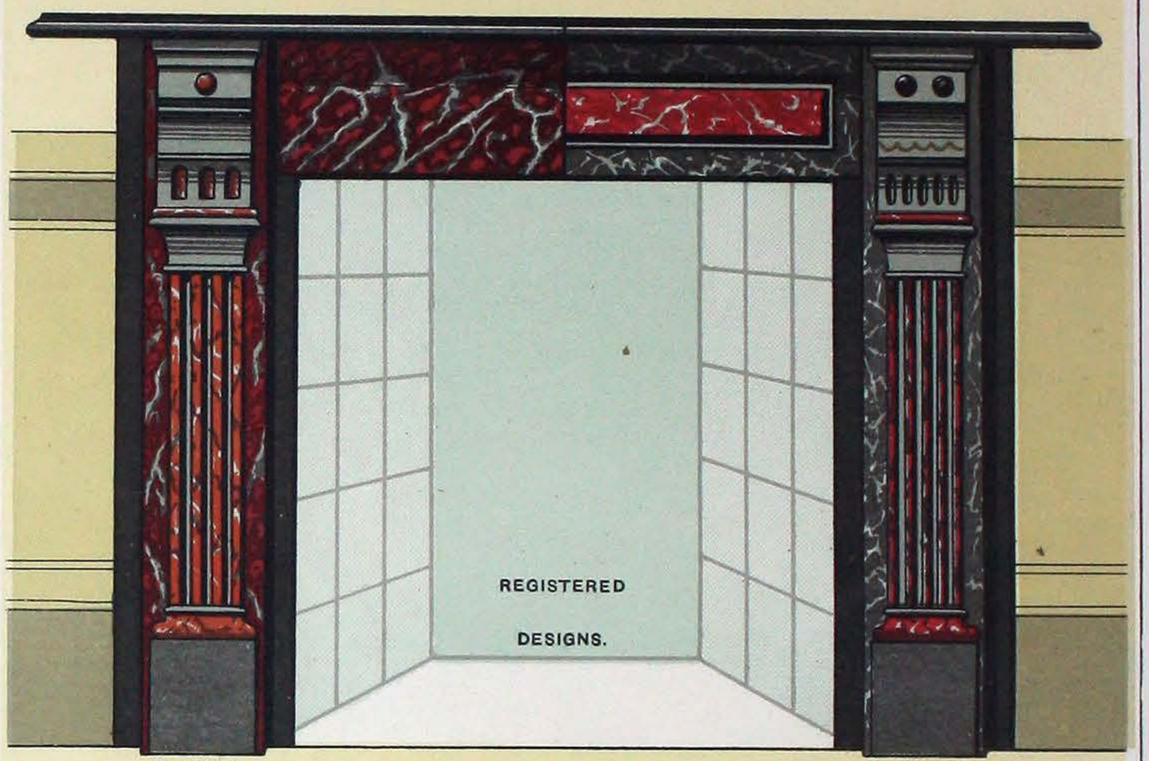
Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

ENAMELLED SLATE CHIMNEY PIECES.



C 3262.

C 3263.



C 3264.

C 3265.

C 3262.

ST. ANN'S WITH SERPENTINE PANELS AND COLUMNS, GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

10 in. jambs	11 in. shelf		67/-
11 in. „	12 in. „		73/6
12 in. „	13 in. „		82/-

C 3263.

LIZARD SERPENTINE AND ECCOSSAIS PANELS, WITH BLACK MOUNTINGS AND GILT LINES, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

9 in. jambs	10 in. shelf		58/6
10 in. „	11 in. „		63/6
11 in. „	12 in. „		70/-

C 3264.

BLACK AND ROUGE, WITH LIZARD SERPENTINE PILASTERS, AND MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

10 in. jambs	11 in. shelf		84/-
11 in. „	12 in. „		90/-
12 in. „	13 in. „		97/6

C 3265.

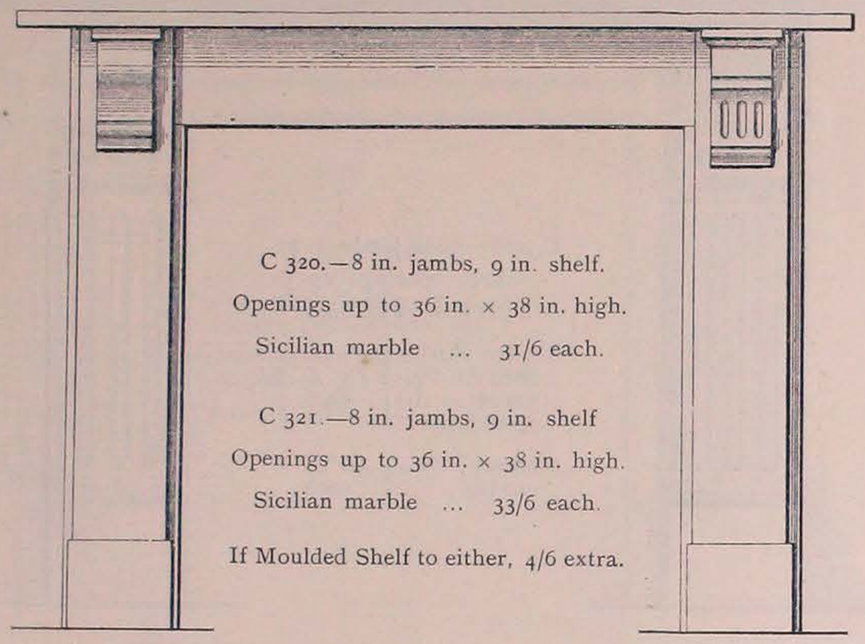
BLACK AND ST. ANN'S, ROUGE GRIOTTE PANELS, PILASTERS AND MOUNTINGS, MOULDED SHELF.

Openings up to 38 in. wide × 38 in. high.

10 in. jambs	11 in. shelf		93/-
11 in. „	12 in. „		99/-
12 in. „	13 in. „		106/6

Above can also be supplied in any of the following colors: Italian Griotte, Rouge, Vert Green, Limestone, Genoa Brown, Lumachelle, Black, &c.

MARBLE CHIMNEY PIECES.



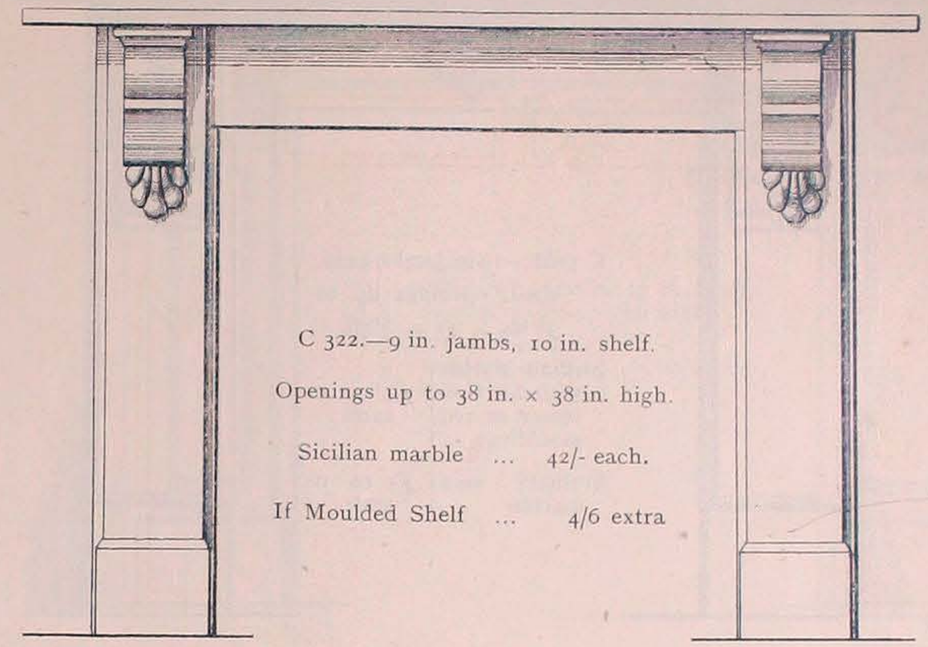
C 320.—8 in. jambs, 9 in. shelf.
Openings up to 36 in. × 38 in. high.
Sicilian marble ... 31/6 each.

C 321.—8 in. jambs, 9 in. shelf
Openings up to 36 in. × 38 in. high.
Sicilian marble ... 33/6 each.

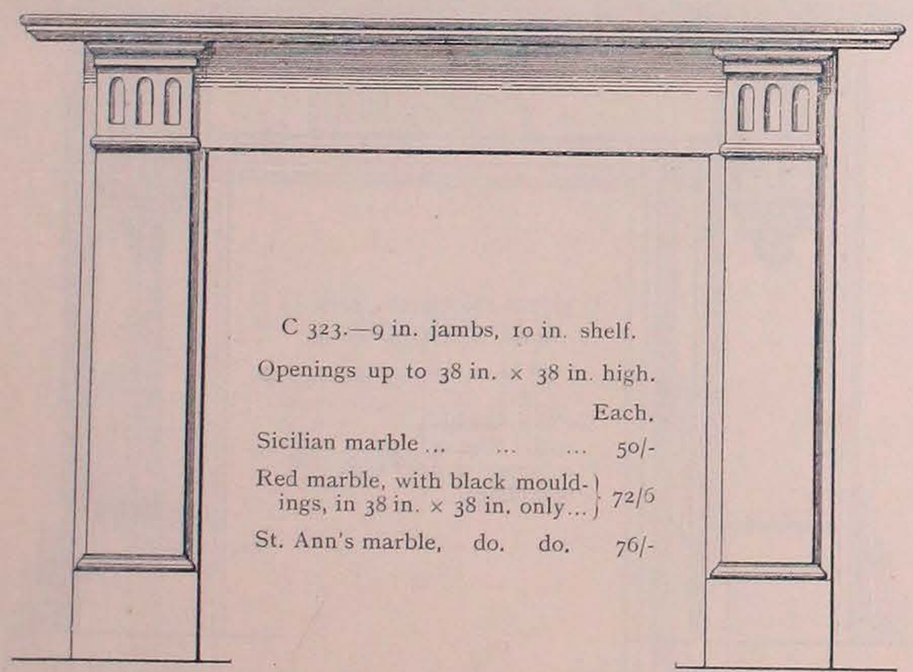
If Moulded Shelf to either, 4/6 extra.

C 320.

C 321

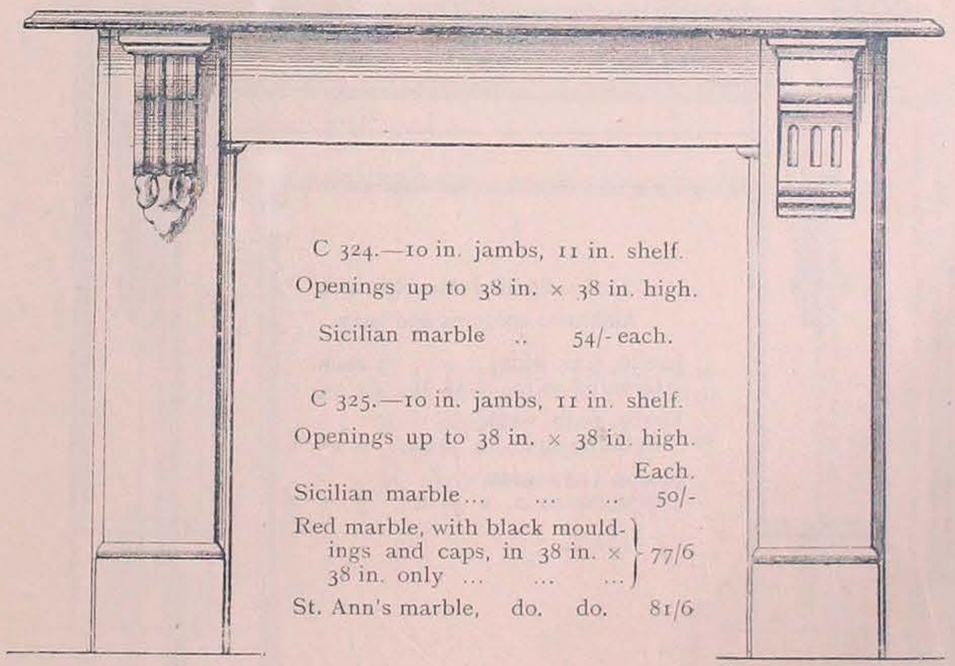


C 322.—9 in. jambs, 10 in. shelf.
Openings up to 38 in. × 38 in. high.
Sicilian marble ... 42/- each.
If Moulded Shelf ... 4/6 extra



C 323.—9 in. jambs, 10 in. shelf.
Openings up to 38 in. × 38 in. high.

	Each.
Sicilian marble	50/-
Red marble, with black mouldings, in 38 in. × 38 in. only ...	72/6
St. Ann's marble, do. do.	76/-



C 324.—10 in. jambs, 11 in. shelf.
Openings up to 38 in. × 38 in. high.
Sicilian marble .. 54/- each.

C 325.—10 in. jambs, 11 in. shelf.
Openings up to 38 in. × 38 in. high.

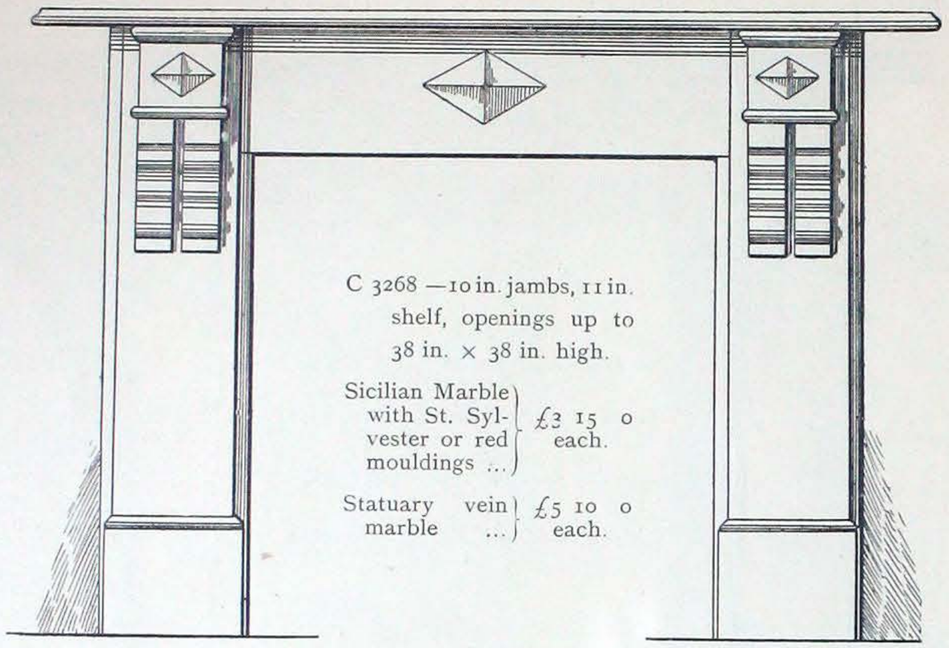
	Each.
Sicilian marble	50/-
Red marble, with black mouldings and caps, in 38 in. × 38 in. only	77/6
St. Ann's marble, do. do.	81/6

C 324.

C 325

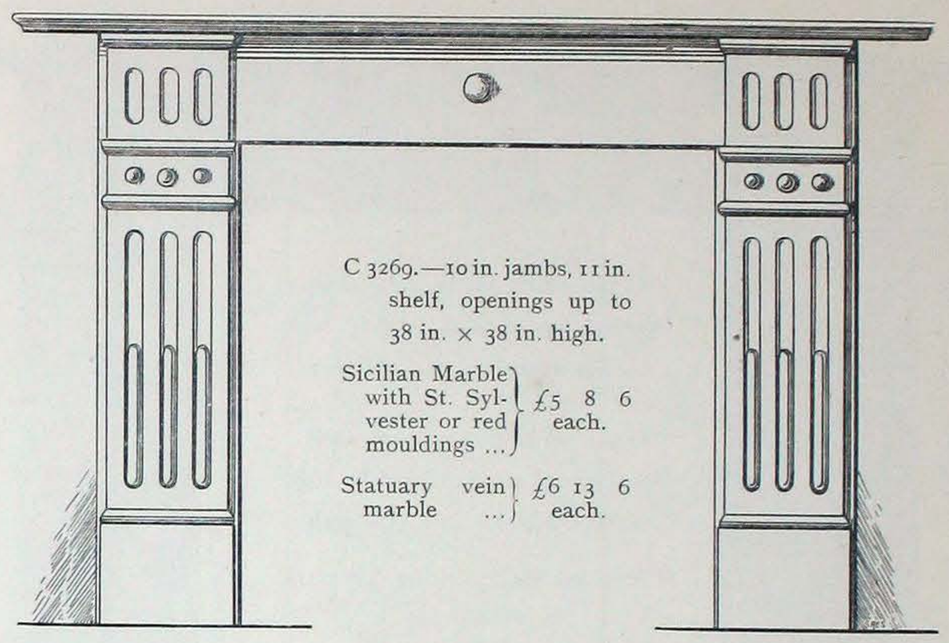
Further details will be sent on receipt of requirements.

MARBLE CHIMNEY PIECES.



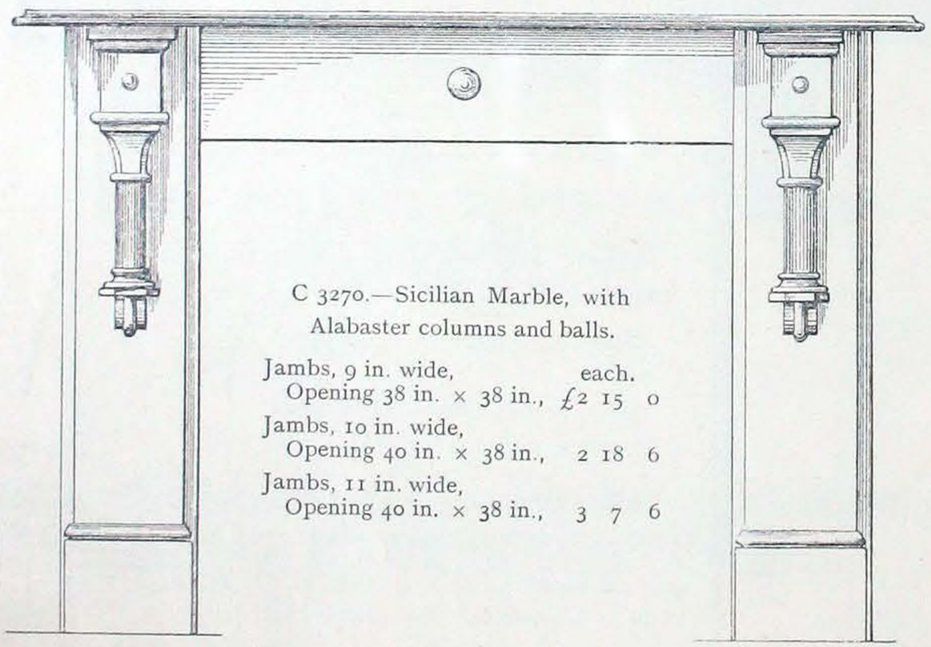
C 3268 —10 in. jambs, 11 in. shelf, openings up to 38 in. × 38 in. high.

Sicilian Marble with St. Sylvester or red mouldings ...	£3 15 0 each.
Statuary vein marble ...	£5 10 0 each.



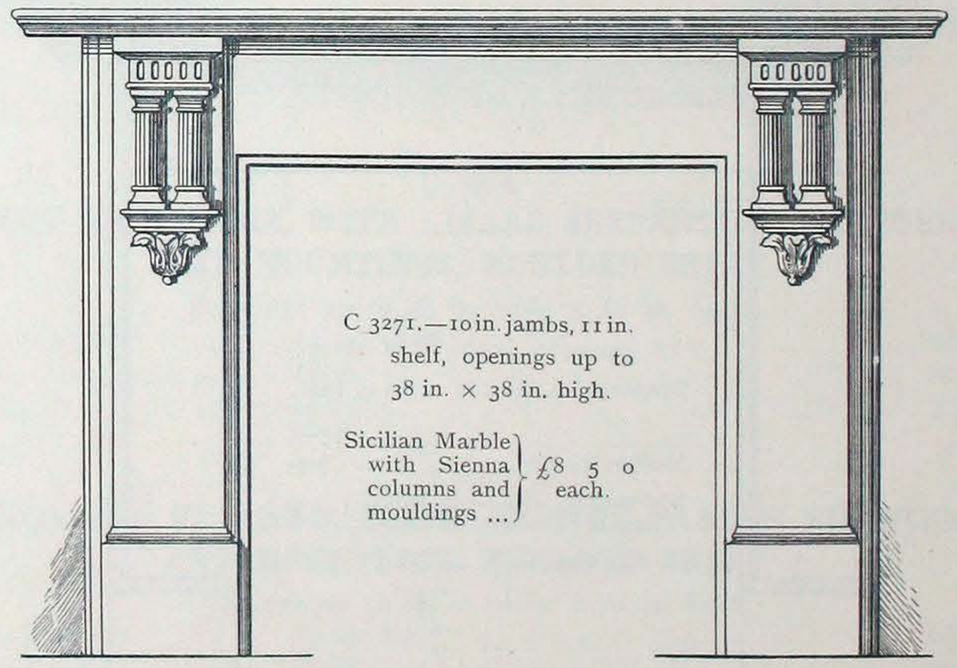
C 3269.—10 in. jambs, 11 in. shelf, openings up to 38 in. × 38 in. high.

Sicilian Marble with St. Sylvester or red mouldings ...	£5 8 6 each.
Statuary vein marble ...	£6 13 6 each.



C 3270.—Sicilian Marble, with Alabaster columns and balls.

Jambs, 9 in. wide, Opening 38 in. × 38 in.,	each. £2 15 0
Jambs, 10 in. wide, Opening 40 in. × 38 in.,	2 18 6
Jambs, 11 in. wide, Opening 40 in. × 38 in.,	3 7 6

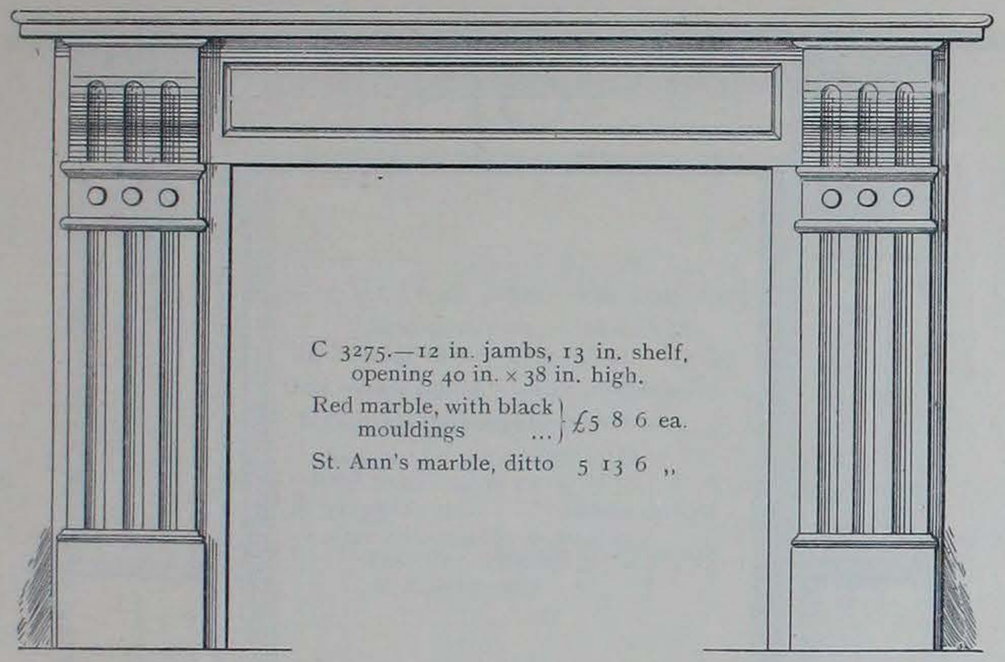


C 3271.—10 in. jambs, 11 in. shelf, openings up to 38 in. × 38 in. high.

Sicilian Marble with Sienna columns and mouldings ...	£8 5 0 each.

Further details will be sent on application.

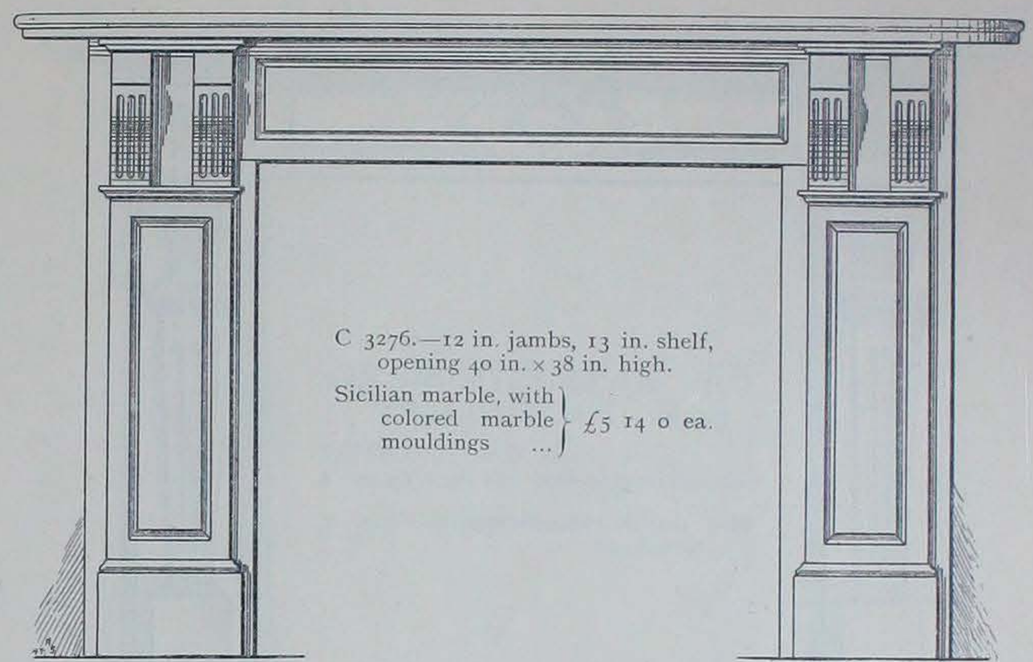
MARBLE CHIMNEY PIECES.



C 3275.—12 in. jambs, 13 in. shelf, opening 40 in. × 38 in. high.

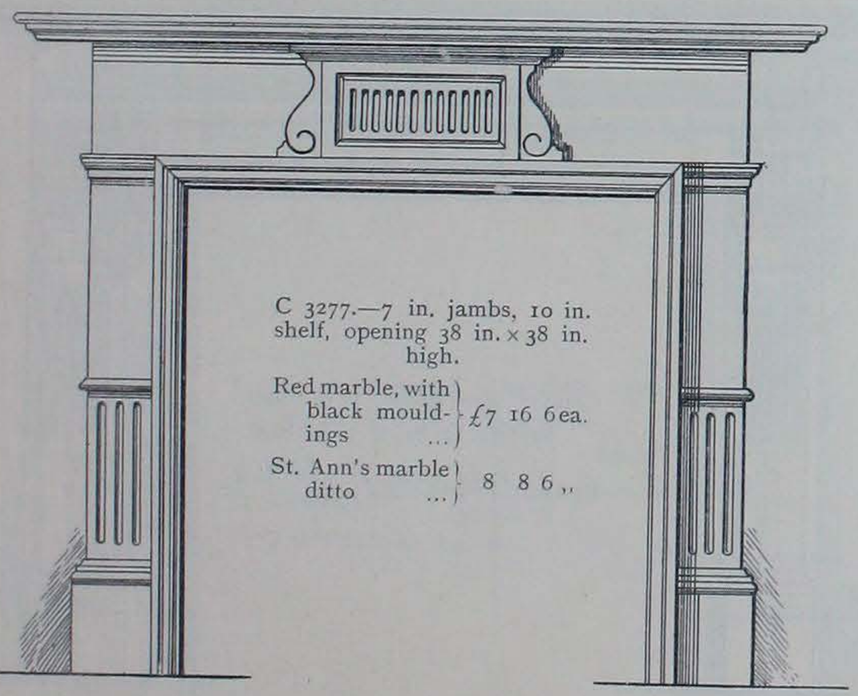
Red marble, with black mouldings ... } £5 8 6 ea.

St. Ann's marble, ditto 5 13 6 ,,



C 3276.—12 in. jambs, 13 in. shelf, opening 40 in. × 38 in. high.

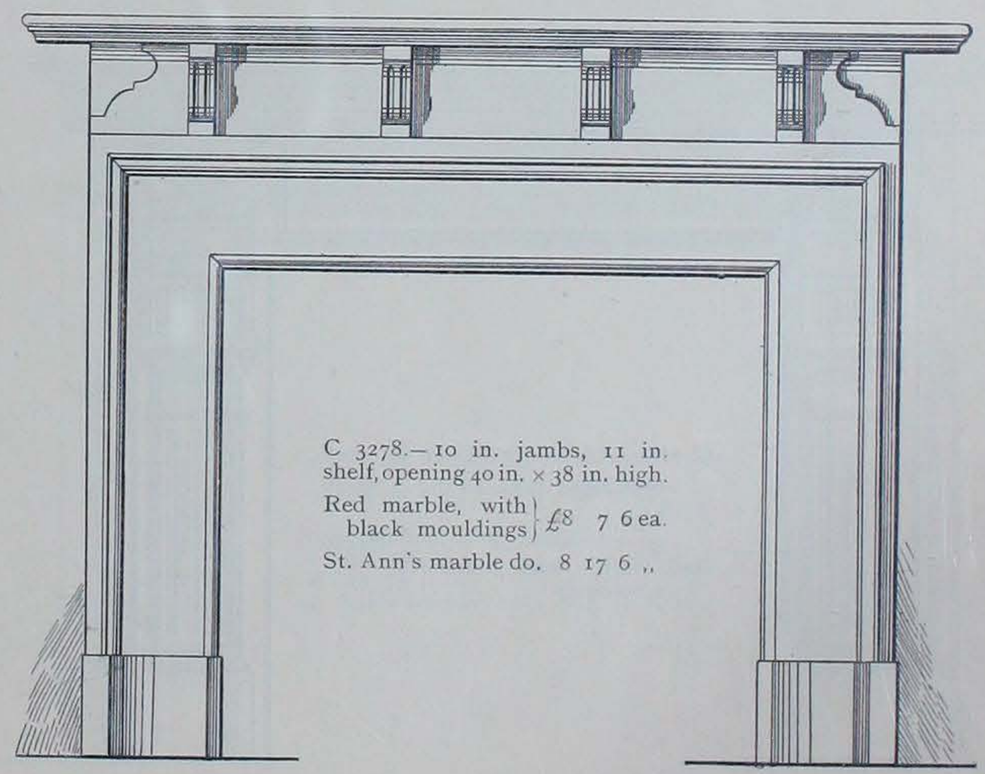
Sicilian marble, with colored marble mouldings ... } £5 14 0 ea.



C 3277.—7 in. jambs, 10 in. shelf, opening 38 in. × 38 in. high.

Red marble, with black mouldings ... } £7 16 6 ea.

St. Ann's marble ditto ... } 8 8 6 ,,



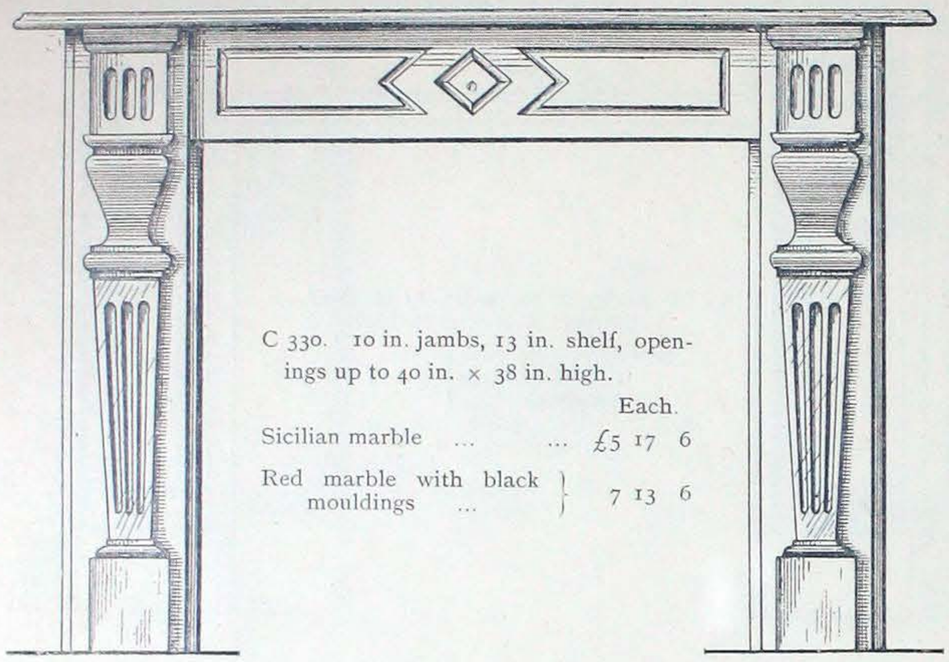
C 3278.—10 in. jambs, 11 in. shelf, opening 40 in. × 38 in. high.

Red marble, with black mouldings } £8 7 6 ea.

St. Ann's marble do. 8 17 6 ,,

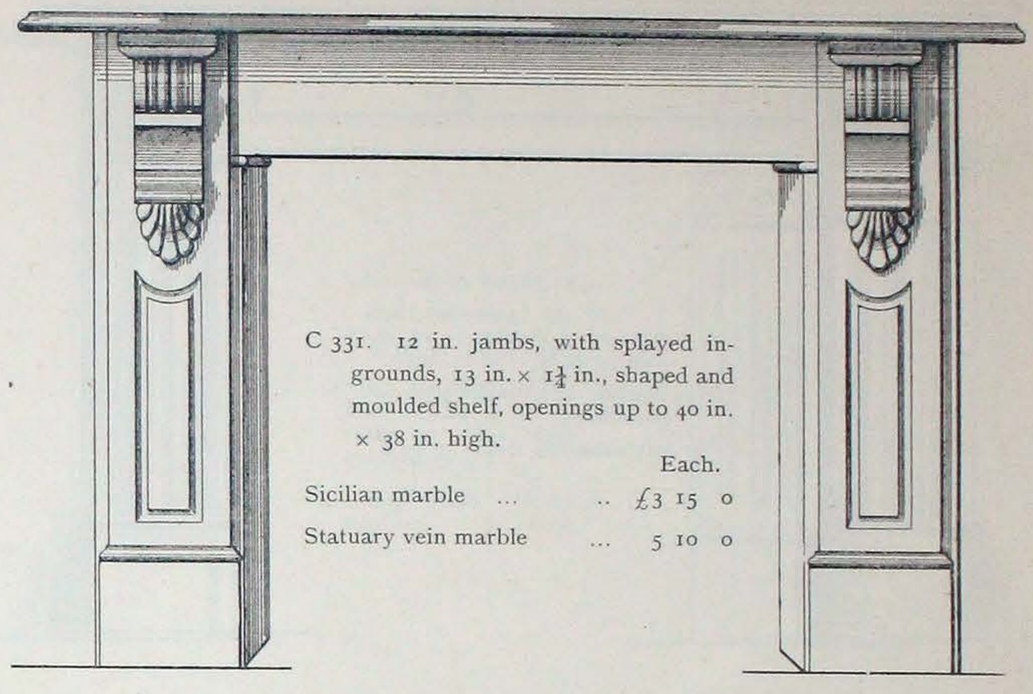
Further details will be sent on receipt of requirements.

MARBLE CHIMNEY PIECES.



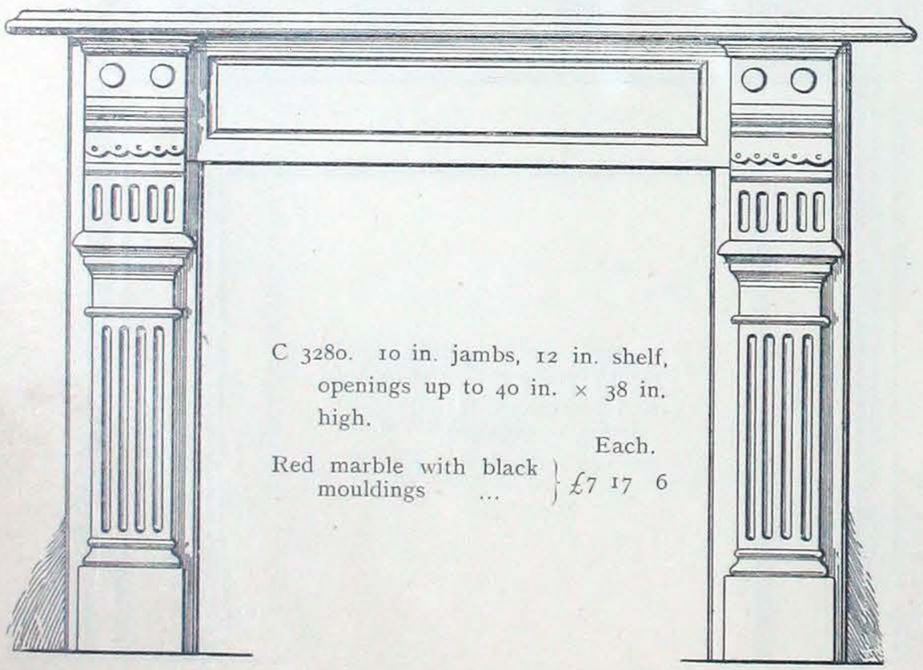
C 330. 10 in. jambs, 13 in. shelf, openings up to 40 in. × 38 in. high.

	Each.
Sicilian marble	£5 17 6
Red marble with black mouldings ...	7 13 6



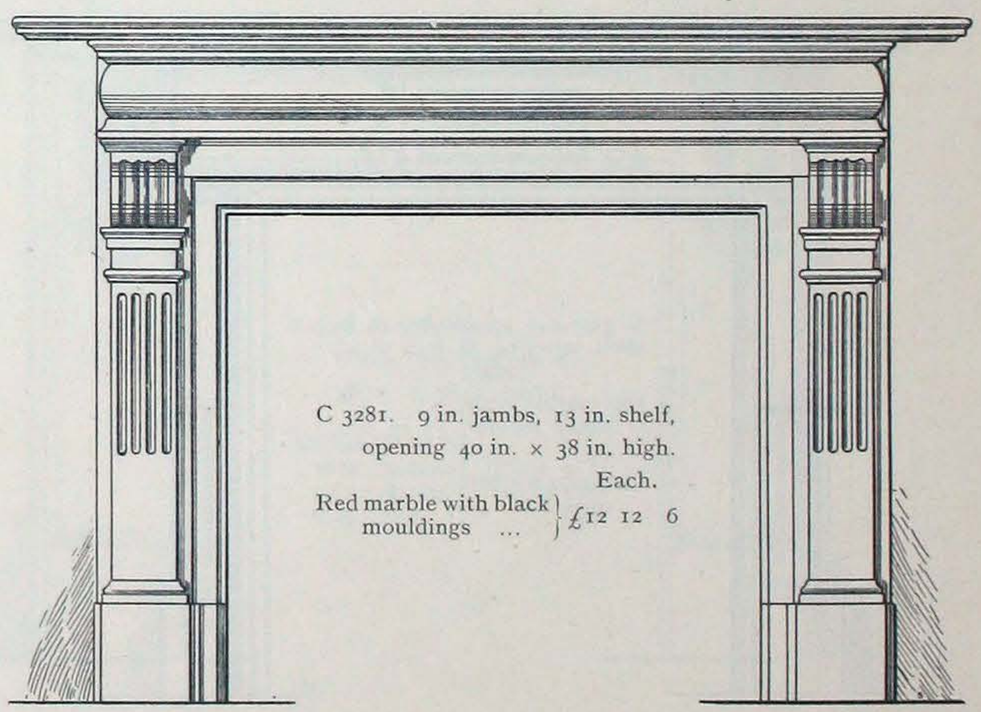
C 331. 12 in. jambs, with splayed ingrounds, 13 in. × 1¼ in., shaped and moulded shelf, openings up to 40 in. × 38 in. high.

	Each.
Sicilian marble	£3 15 0
Statuary vein marble ...	5 10 0



C 3280. 10 in. jambs, 12 in. shelf, openings up to 40 in. × 38 in. high.

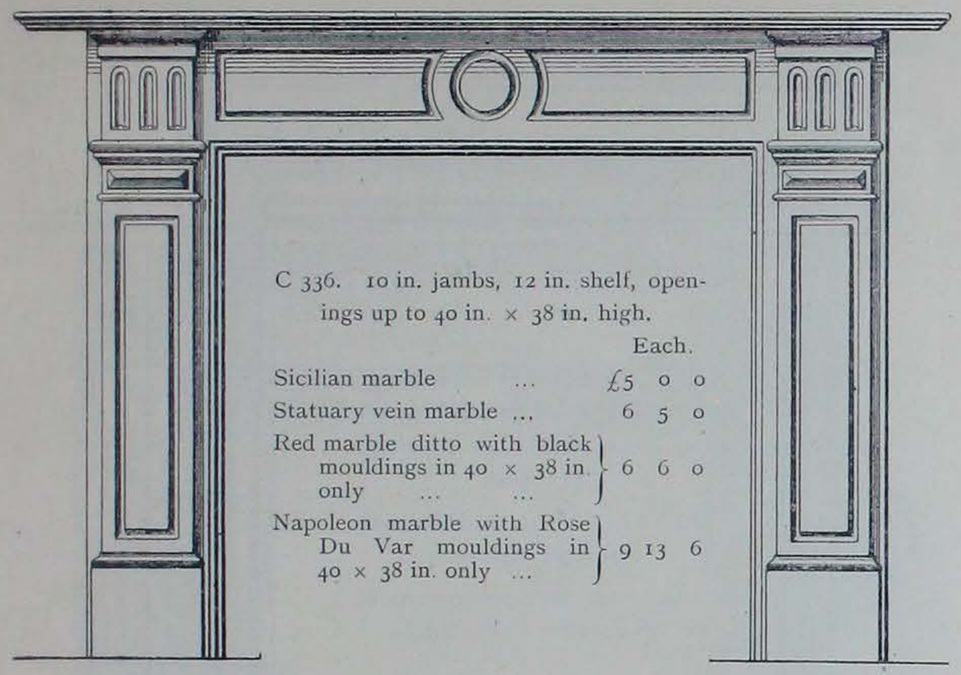
	Each.
Red marble with black mouldings ...	£7 17 6



C 3281. 9 in. jambs, 13 in. shelf, opening 40 in. × 38 in. high.

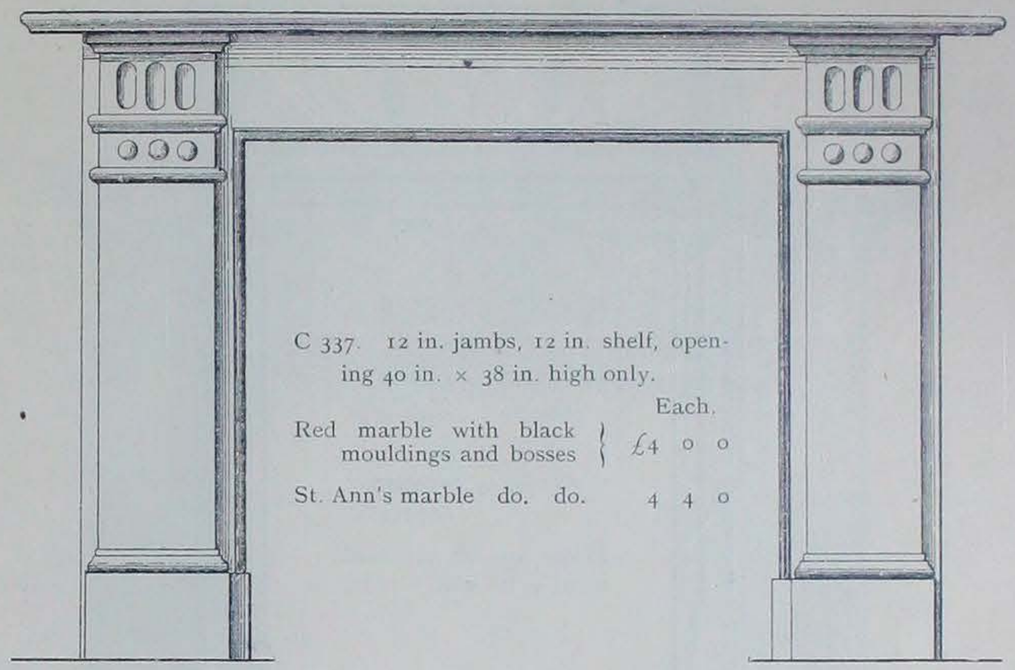
	Each.
Red marble with black mouldings ...	£12 12 6

Further details will be sent on receipt of requirements.



C 336. 10 in. jambs, 12 in. shelf, openings up to 40 in. × 38 in. high.

	Each.
Sicilian marble ...	£5 0 0
Statuary vein marble ...	6 5 0
Red marble ditto with black mouldings in 40 × 38 in. only	6 6 0
Napoleon marble with Rose Du Var mouldings in 40 × 38 in. only ...	9 13 6

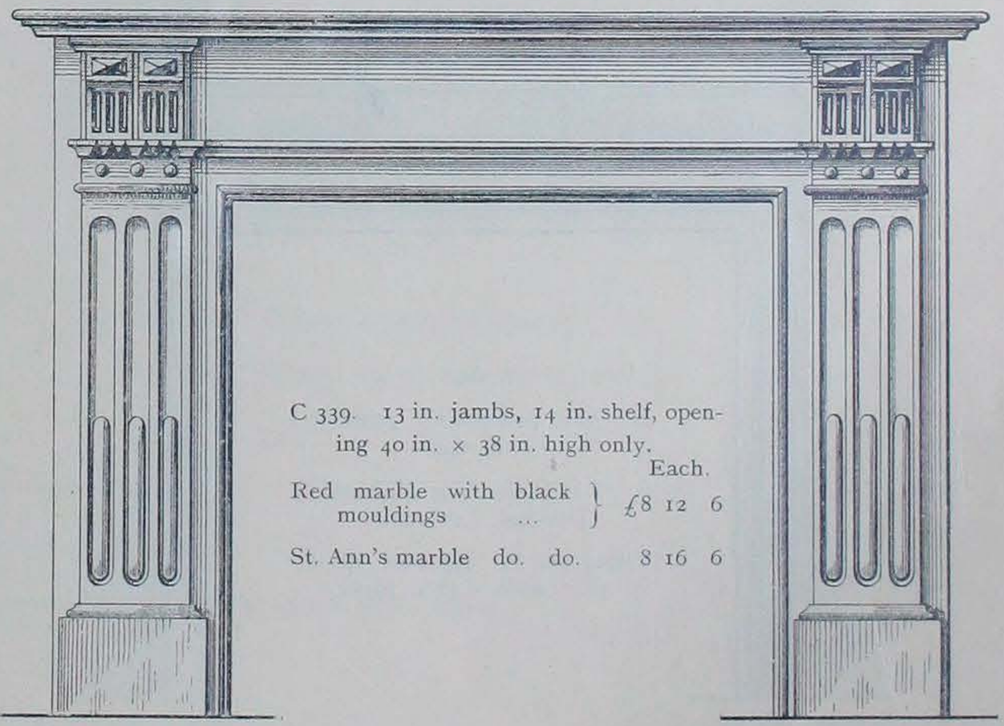


C 337. 12 in. jambs, 12 in. shelf, opening 40 in. × 38 in. high only.

	Each.
Red marble with black mouldings and bosses	£4 0 0
St. Ann's marble do. do.	4 4 0

C 338. 14 in. jambs, 15 in. shelf, opening 40 in. × 38 in. high only.

	Each.
Red marble with black mouldings ...	£8 10 0
St. Ann's marble do. do.	9 2 6

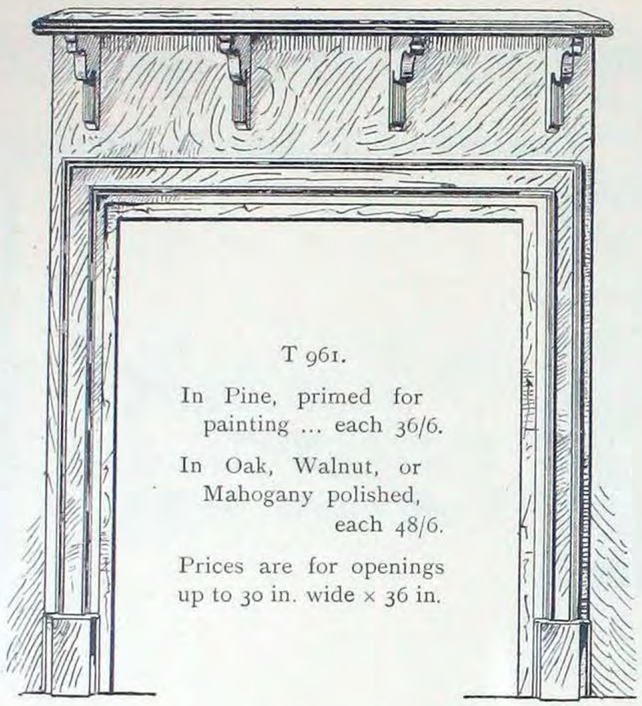


C 339. 13 in. jambs, 14 in. shelf, opening 40 in. × 38 in. high only.

	Each.
Red marble with black mouldings ...	£8 12 6
St. Ann's marble do. do.	8 16 6

Further details will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.

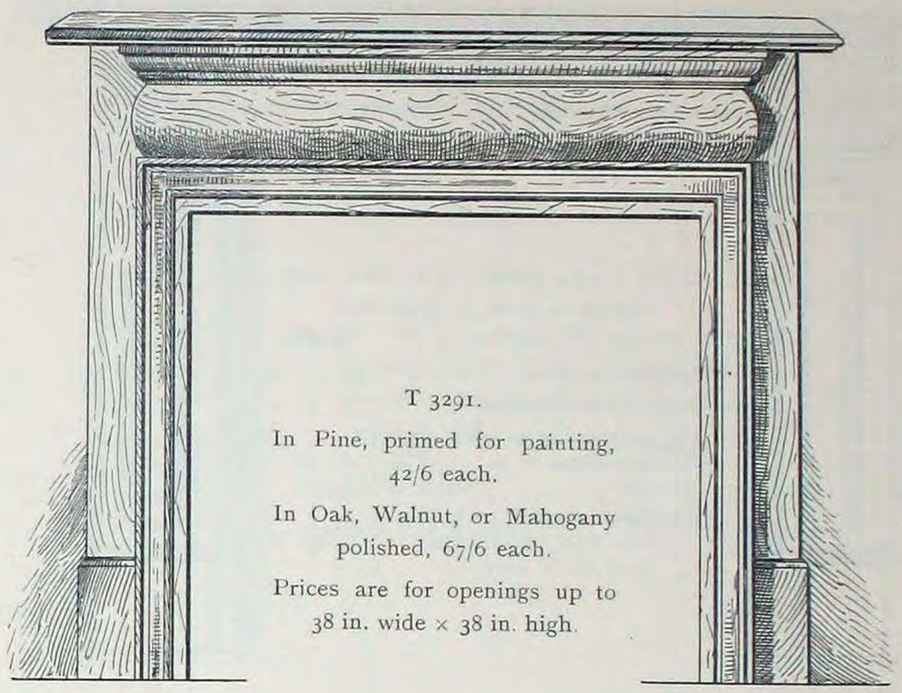


T 961.

In Pine, primed for painting ... each 36/6.

In Oak, Walnut, or Mahogany polished, each 48/6.

Prices are for openings up to 30 in. wide × 36 in.

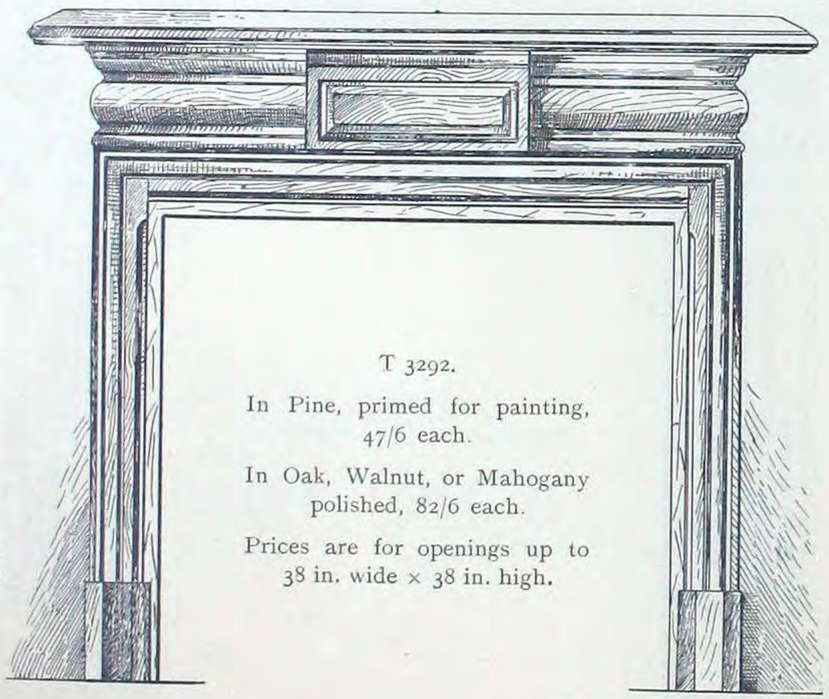


T 3291.

In Pine, primed for painting, 42/6 each.

In Oak, Walnut, or Mahogany polished, 67/6 each.

Prices are for openings up to 38 in. wide × 38 in. high.

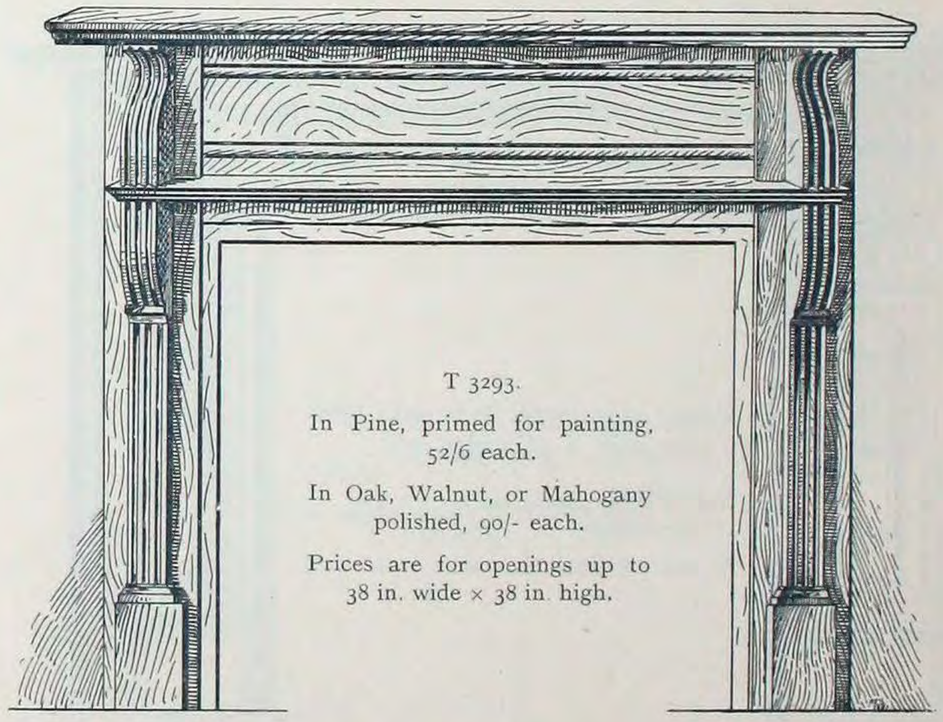


T 3292.

In Pine, primed for painting, 47/6 each.

In Oak, Walnut, or Mahogany polished, 82/6 each.

Prices are for openings up to 38 in. wide × 38 in. high.



T 3293.

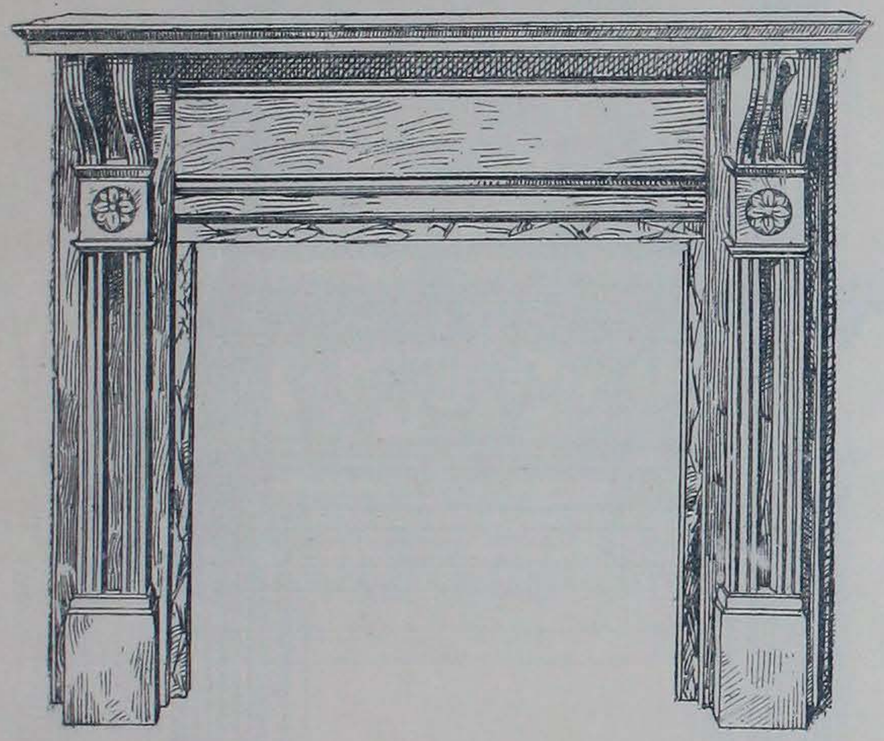
In Pine, primed for painting, 52/6 each.

In Oak, Walnut, or Mahogany polished, 90/- each.

Prices are for openings up to 38 in. wide × 38 in. high.

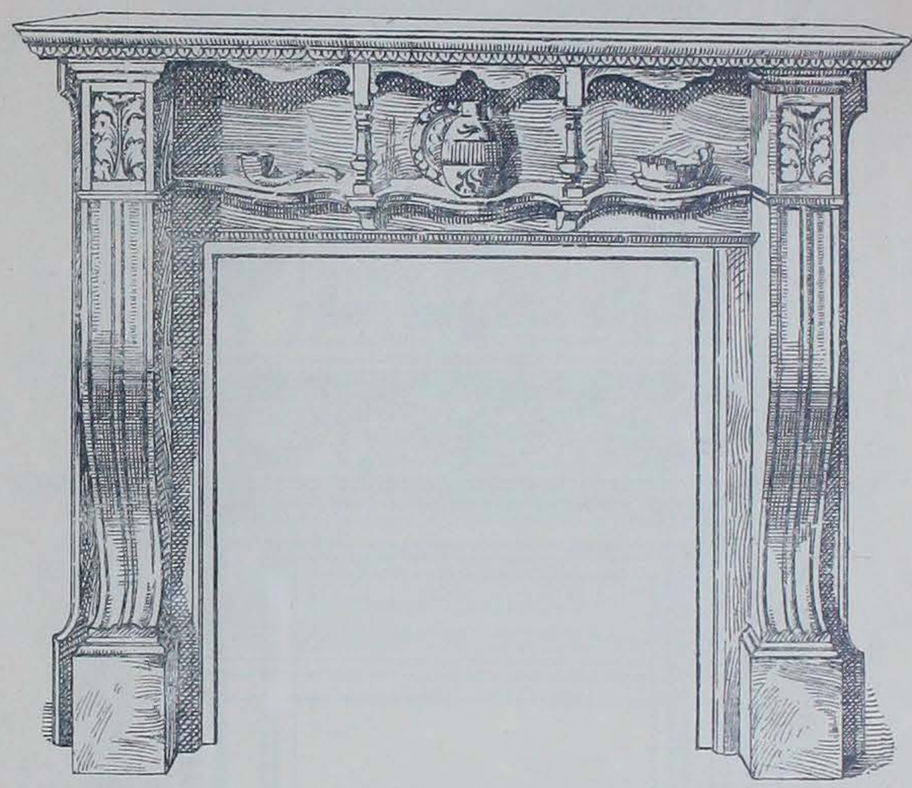
Above Prices include Black Enamelled Slate Ingrounds. If Chimney Pieces painted three coats plain colours, 3/6 to 5/6 extra to primed.

Further details will be sent on receipt of requirements.



T 3298.—In pine, primed for painting .. .. £3 6 6 each.

In oak, walnut, mahogany, polished ... ... £5 7 6 ,,



T 3299.—In pine, primed for painting ... ... £5 18 6 each.

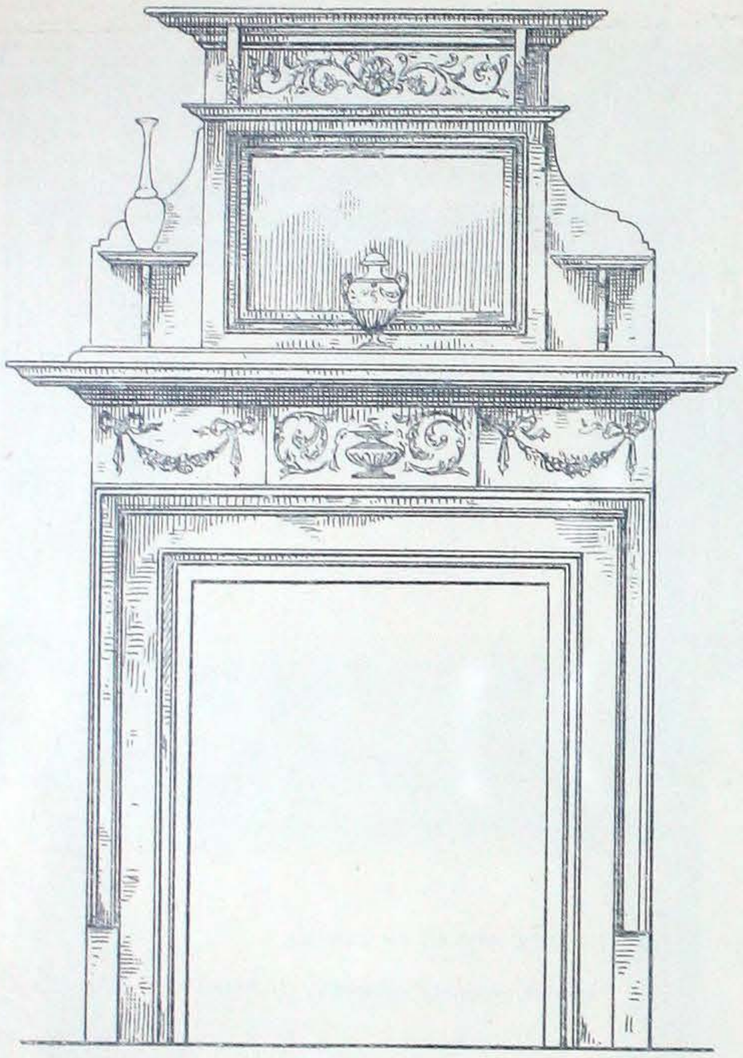
In oak, walnut, mahogany, polished ... £9 15 6 ,,

Above prices include black enamelled slate ingrounds.

Extra cost of marble ingrounds on receipt of colour required.

The above are made with adjustable friezes, and will take grates from 36 in. to 40 in. wide × 38 in. high.

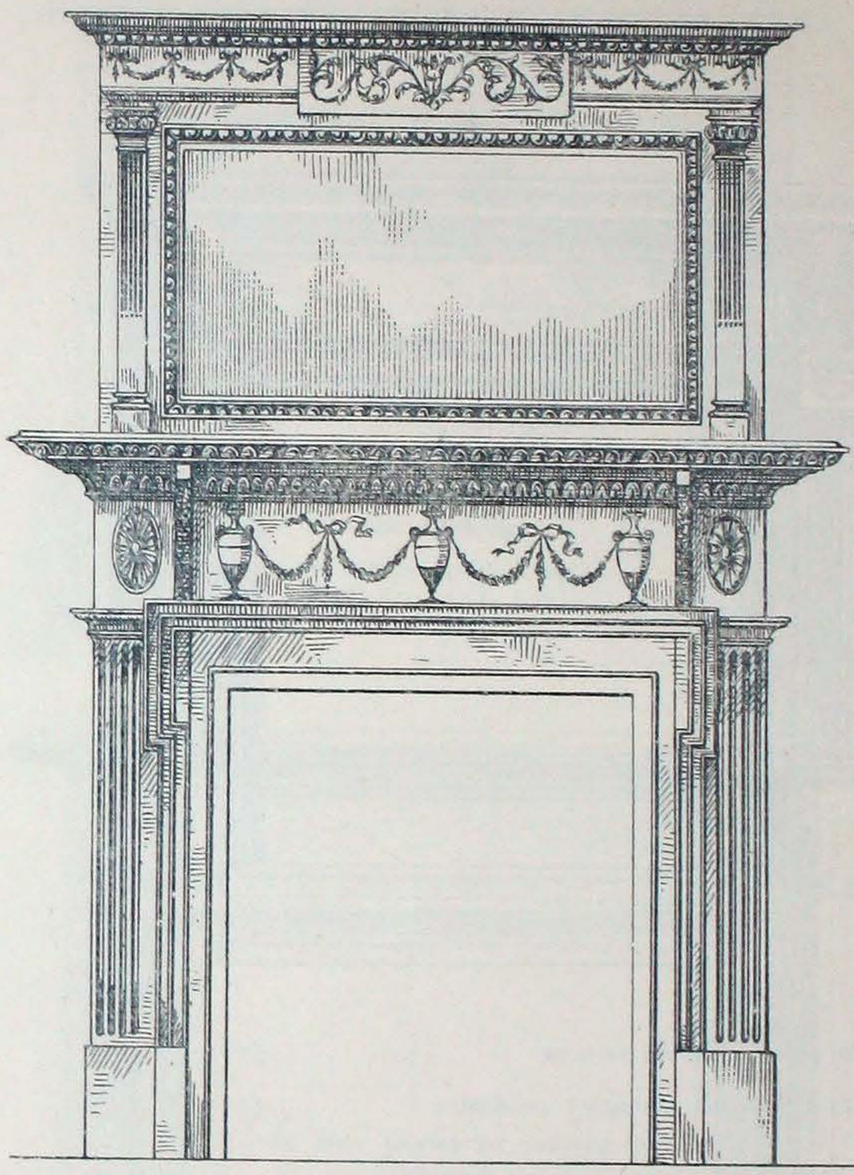
Further details will be sent on receipt of requirements.



T 1016.

		Mantelpiece only, including Plain Black Enamelled Slate Ingrounds.	Overmantel, including Bevelled Glass Panel.
In Pine, with Compo. Enrichments, primed	... each	£2 13 6 ...	£2 6 9
Do. do. painted three coats, plain colours	... ... ,,	£2 17 0 ..	£2 10 0

Prices are for Openings up to 30 in. wide × 37 in. high.



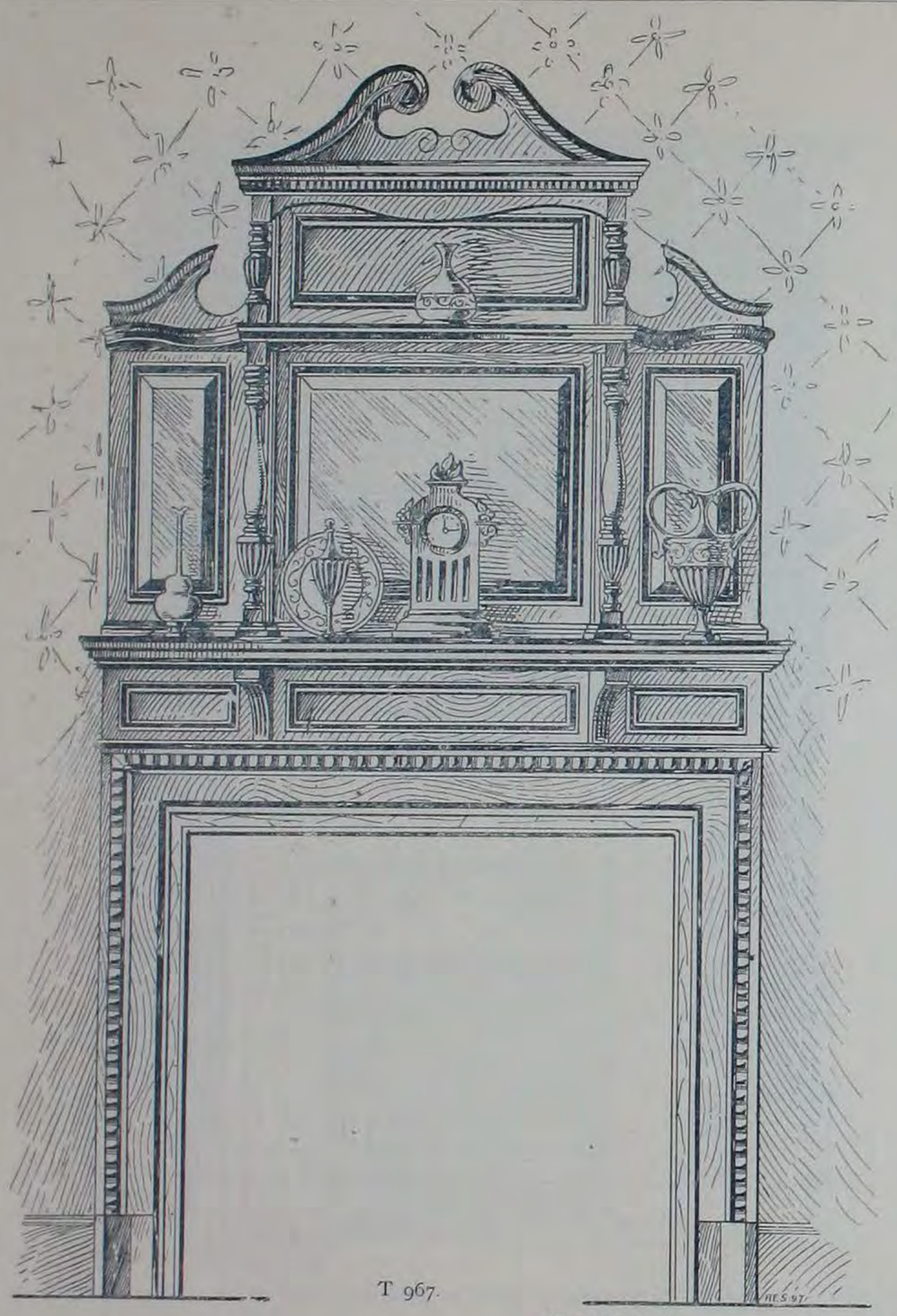
T 1014.

		Mantelpiece only, including Plain Black Enamelled Slate Ingrounds.	Overmantel, including Bevelled Glass Panel.
In Pine, with Compo. Enrichments, primed	.. each	£3 19 6 ...	£4 10 9
Do. do. painted three coats, plain colours	... ... ,,	£4 3 6 ...	£4 15 0

Prices are for Openings up to 38 in. wide × 38 in. high.

Extra cost of Marble Ingrounds on receipt of colour required. Scale about $\frac{3}{4}$ in. = 1 foot. Further details and designs will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.

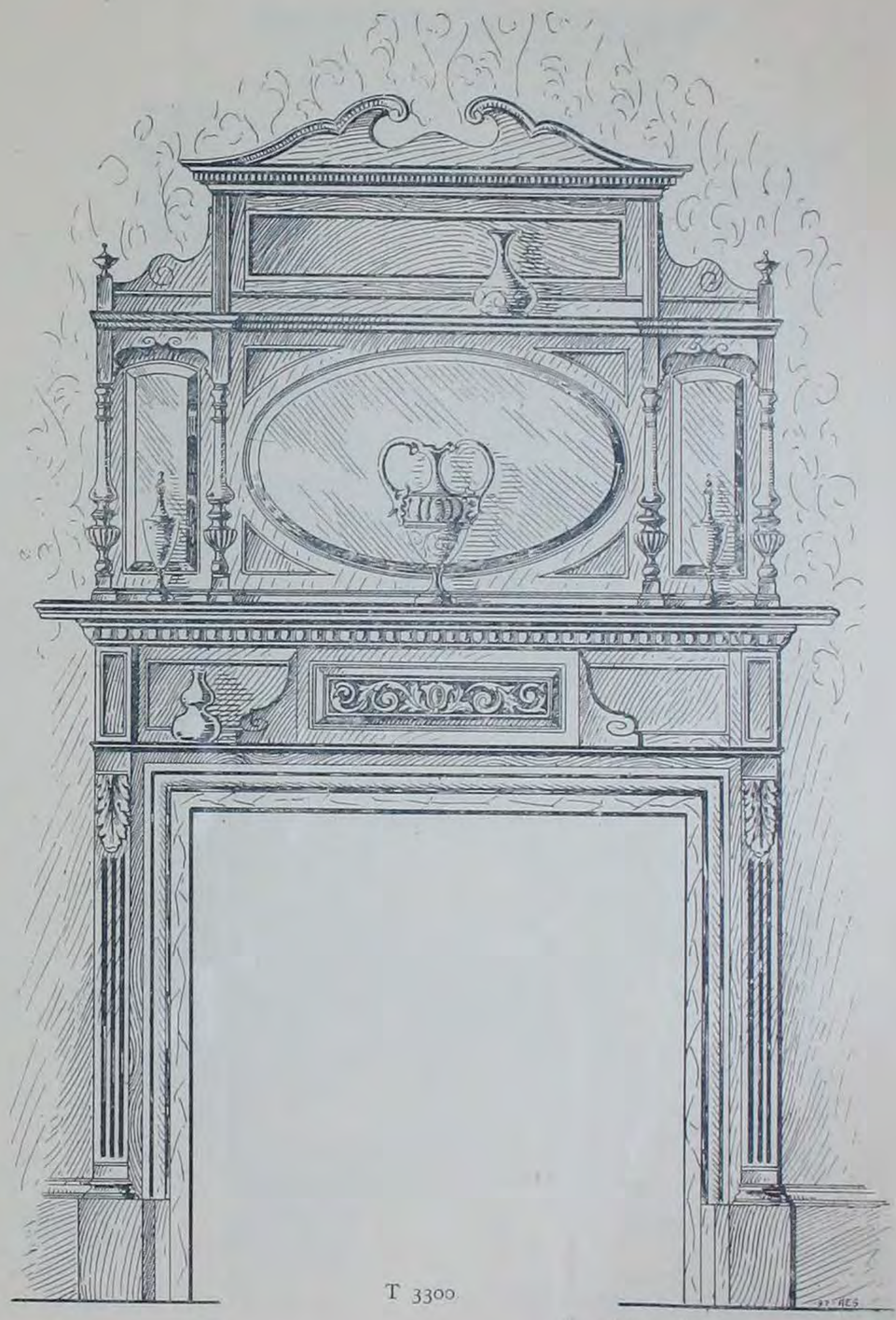


T 967.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
T 967.—In Pine, primed for painting	£4 0 0	£5 12 6
,, Ditto, painted three coats plain colours ...	£4 5 0	£5 17 6
,, Ditto, Oak, Walnut, Mahogany polished ...	£6 10 0	£8 10 0

Prices are for Openings up to 40 in. wide × 38 in. high.

Above are with Moulded Black Enamelled Slate Ingrounds.



T 3300.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
T 3300.—In Pine, primed for painting	£7 2 6	£7 0 0
,, Ditto, Painted three coats plain colours ...	£7 7 6	£7 5 0
,, Ditto, Oak, Walnut, Mahogany polished ...	£10 0 0	£9 15 0

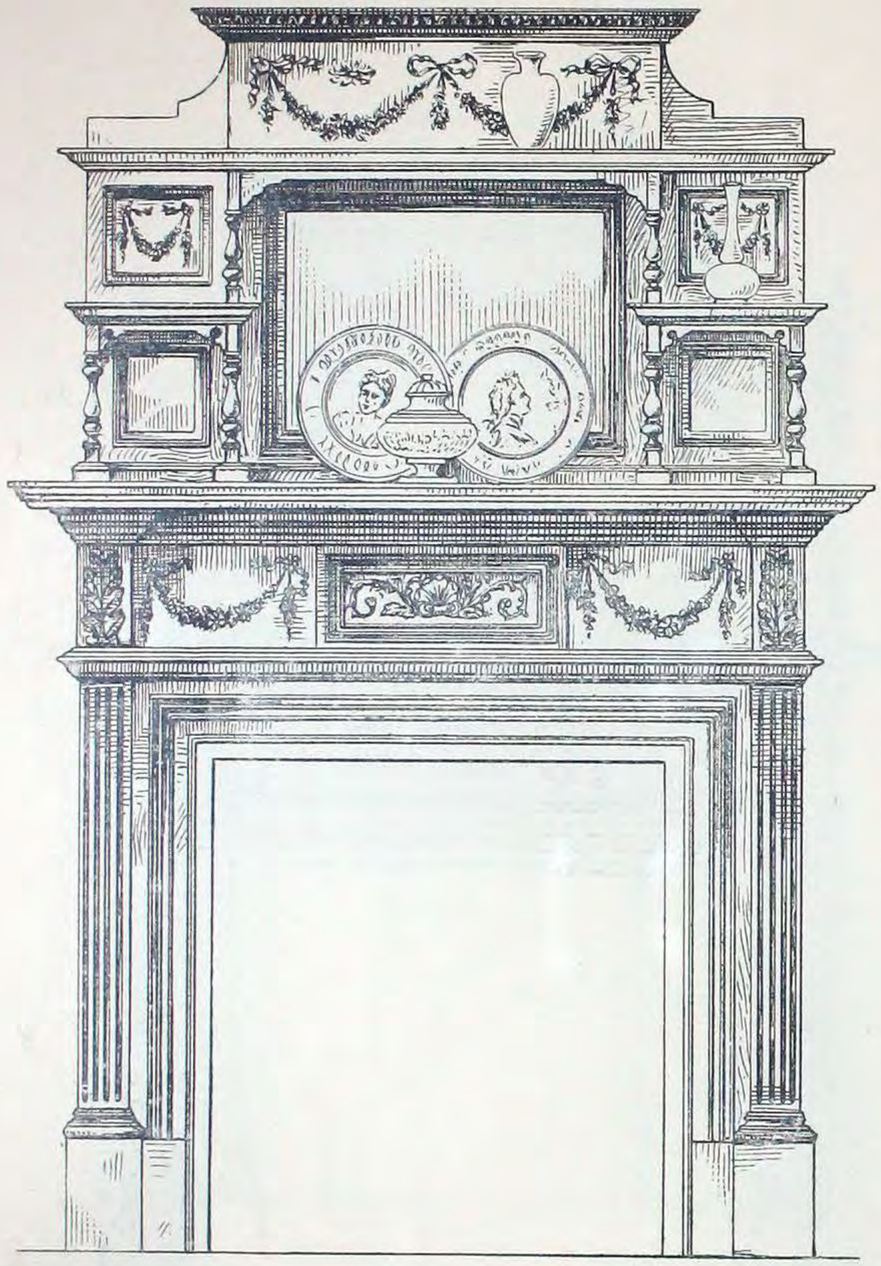
Prices are for Openings up to 40 in. wide × 38 in. high.

Extra cost of Marble Ingrounds on receipt of Colour required.

Scale—¾ in. = 1 foot

Further details will be sent on receipt of reauirements.

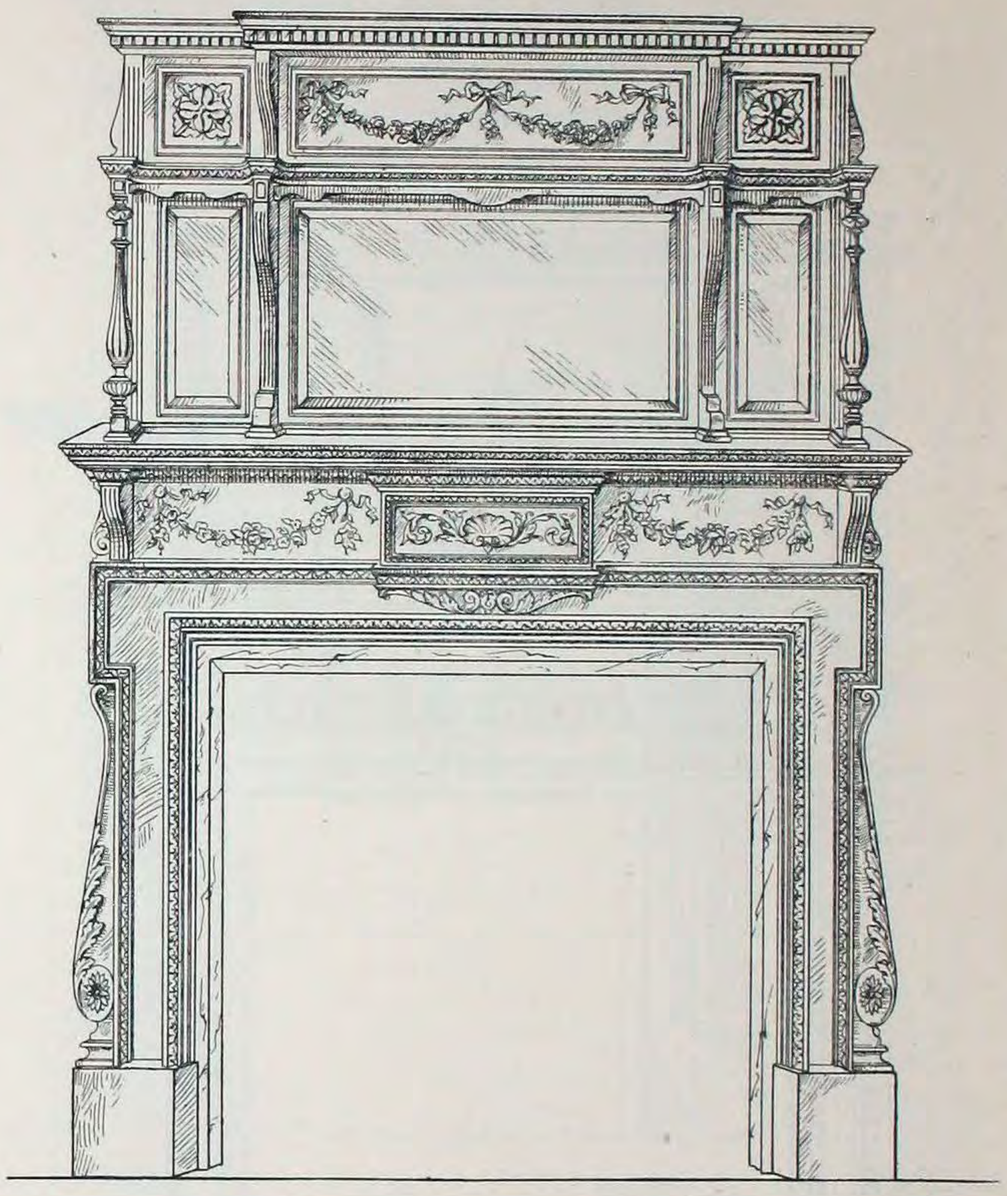
WOOD CHIMNEY PIECES.



T 1015.

	Mantelpiece only, including Plain Black Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, with Compo Enrichments, primed	£4 5 6 ...	£4 15 0
Ditto, Painted three coats, plain colours	£4 9 6 ...	£5 0 0

Prices are for Openings up to 38 in. wide × 38 in. high.



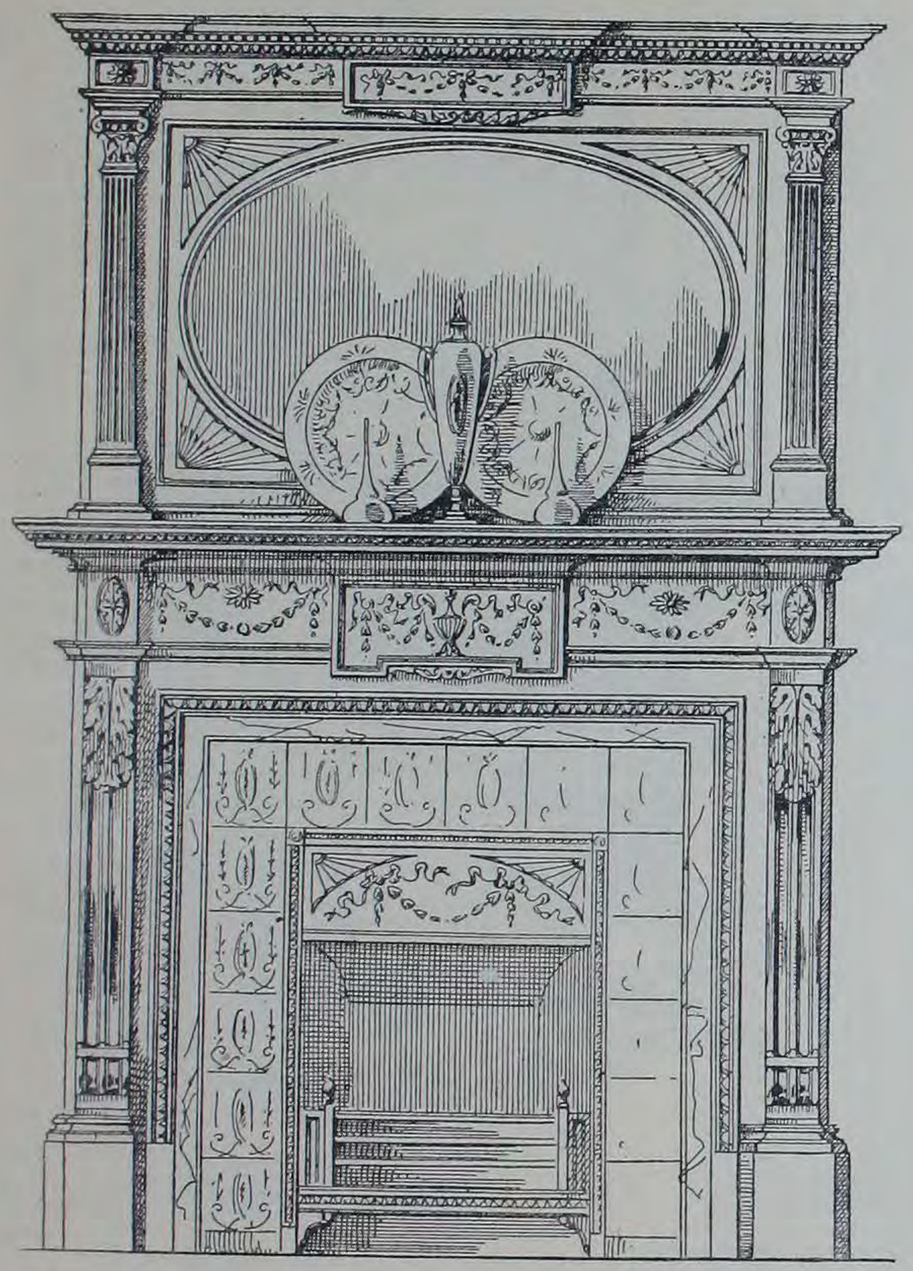
T 970

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, with Compo Enrichments, primed for painting	£6 10 0 ...	£6 5 0
Ditto, Painted three coats, plain colours	£6 14 0 ...	£6 10 0

Prices are for Openings up to 40 in. wide × 38 in. high.

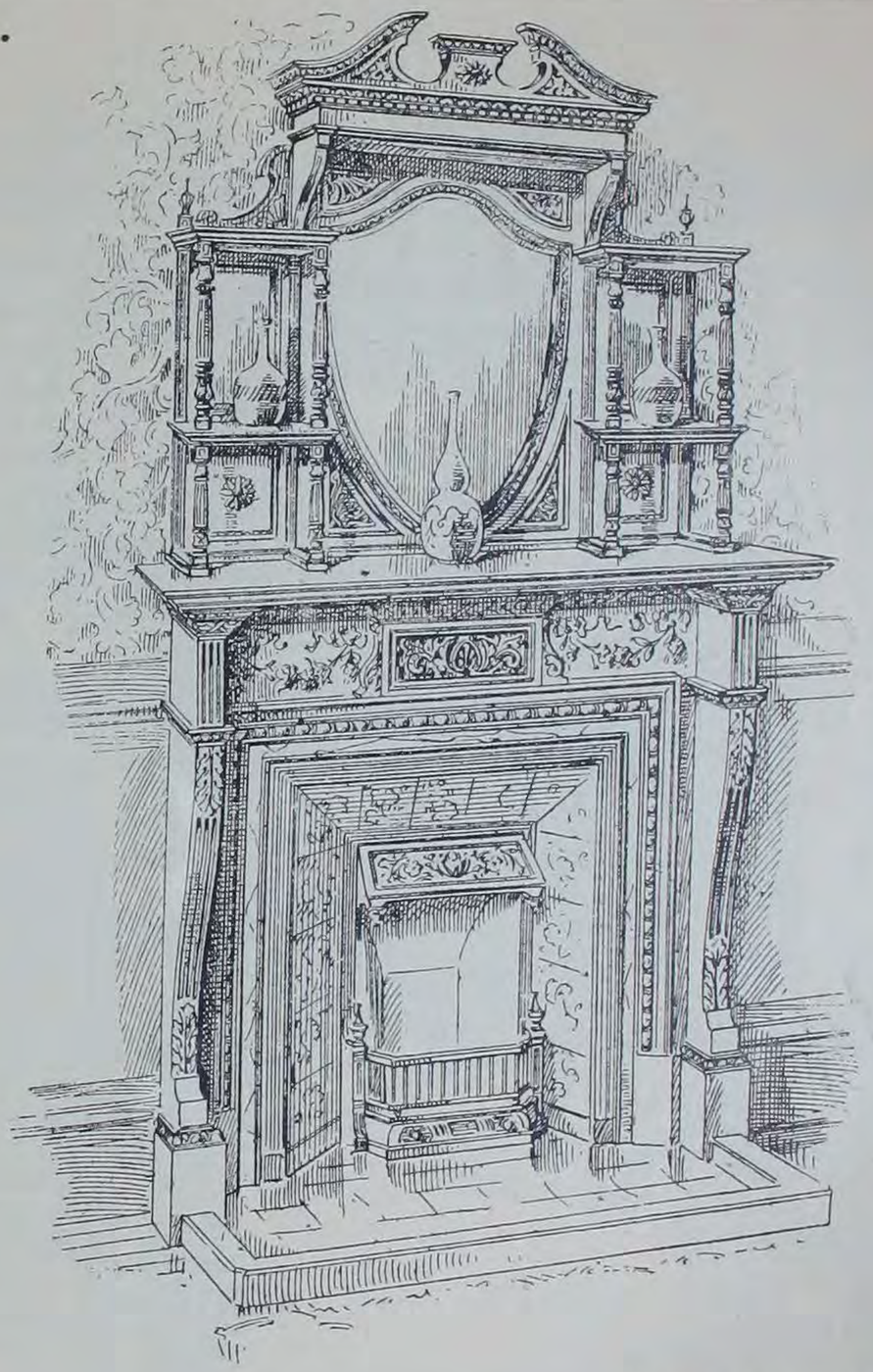
Above are with Black Enamelled Slate Ingrounds. Extra Cost of Marble Ingrounds on receipt of colour required. *Scale—¾ in. = 1 foot.*

Further details will be sent on receipt of requirements.



T 1017.

		Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.		Overmantel including Bevelled Glass Panel.
In Pine, with Compo. Enrichments, primed for painting	each	£7 7 0	...	£7 0 0
Do. do. painted three coats, plain colours	,,	£7 11 0	...	£7 4 0



T 1018.

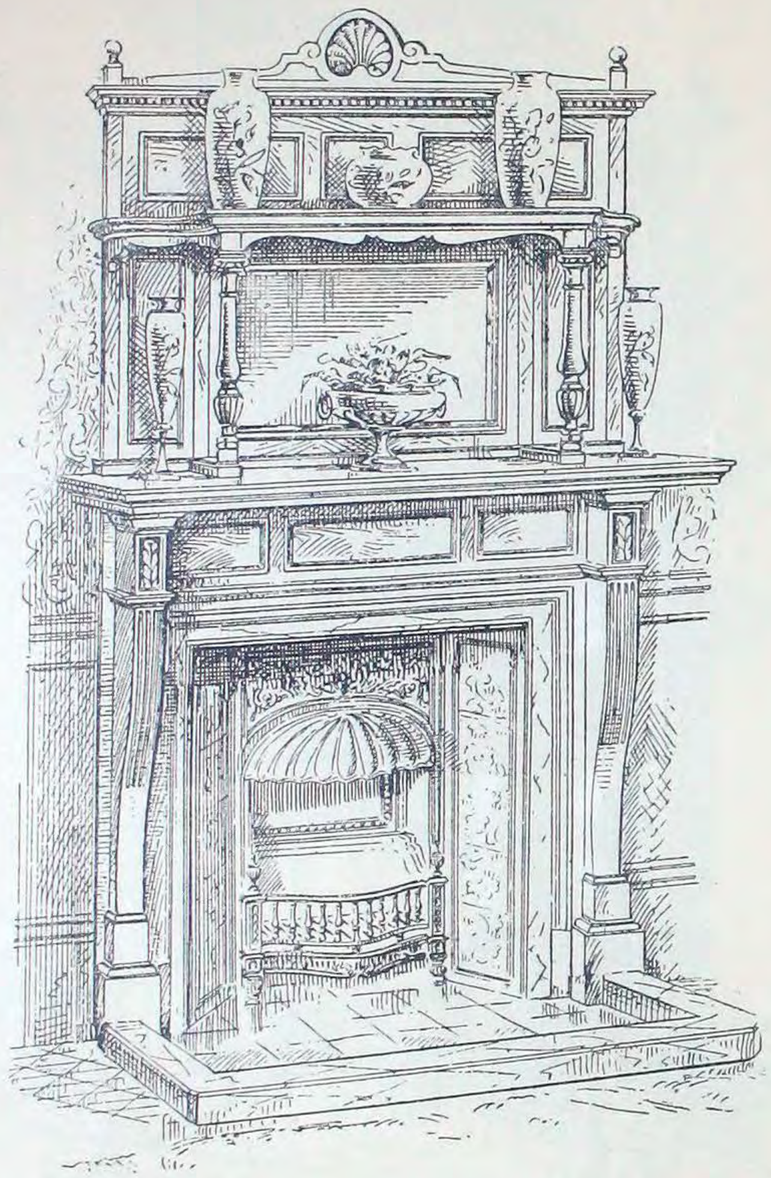
		Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.		Overmantel including Bevelled Glass Panels.
In Pine, with Compo. Enrichments, primed for painting	each	£6 7 6	...	£10 5 0
Do. do. painted three coats, plain colours	,,	£6 11 6	...	£10 10 0

Prices are for Openings up to 38 inch wide × 38 inch high.

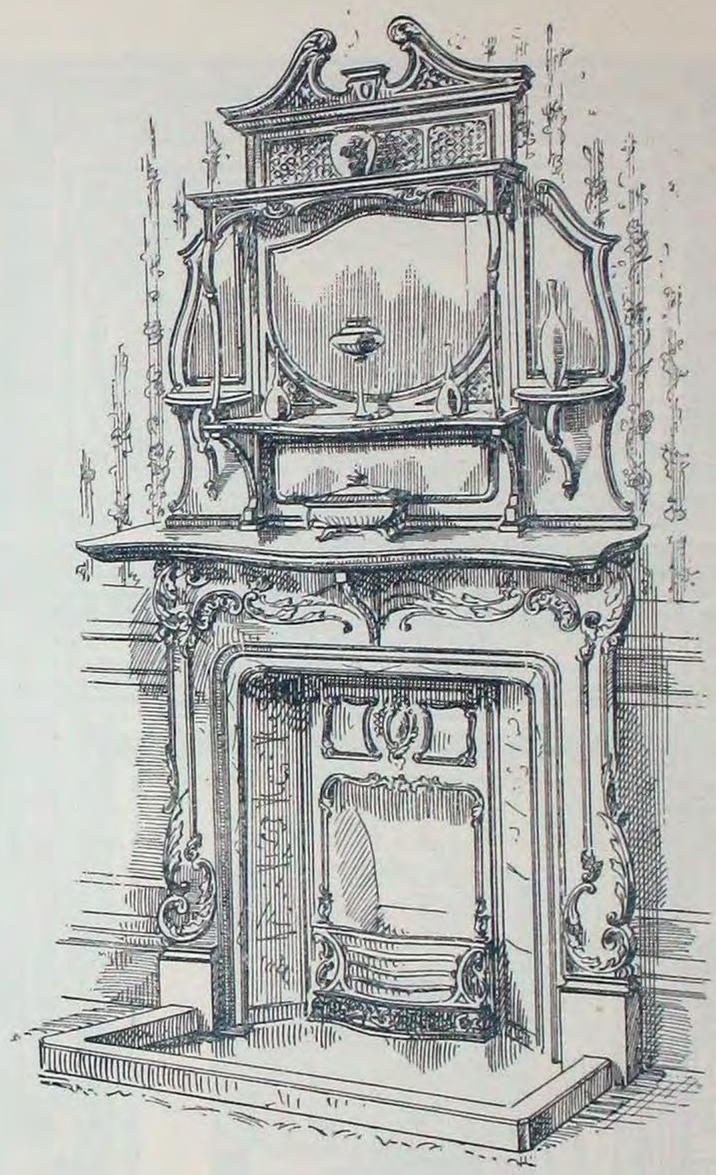
Above are with Black Enamelled Slate Ingrounds. Extra Cost of Marble Ingrounds on receipt of Colour required.

Further details will be sent on receipt of requirements.

WOOD CHIMNEY PIECES.



T 1019.	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, primed for painting	£5 12 6 ...	£6 3 0
Do. Painted three coats, plain colors	£5 16 6 ...	£6 7 6
Oak, Walnut, or Mahogany, polished	£9 5 0 ...	£9 0 0

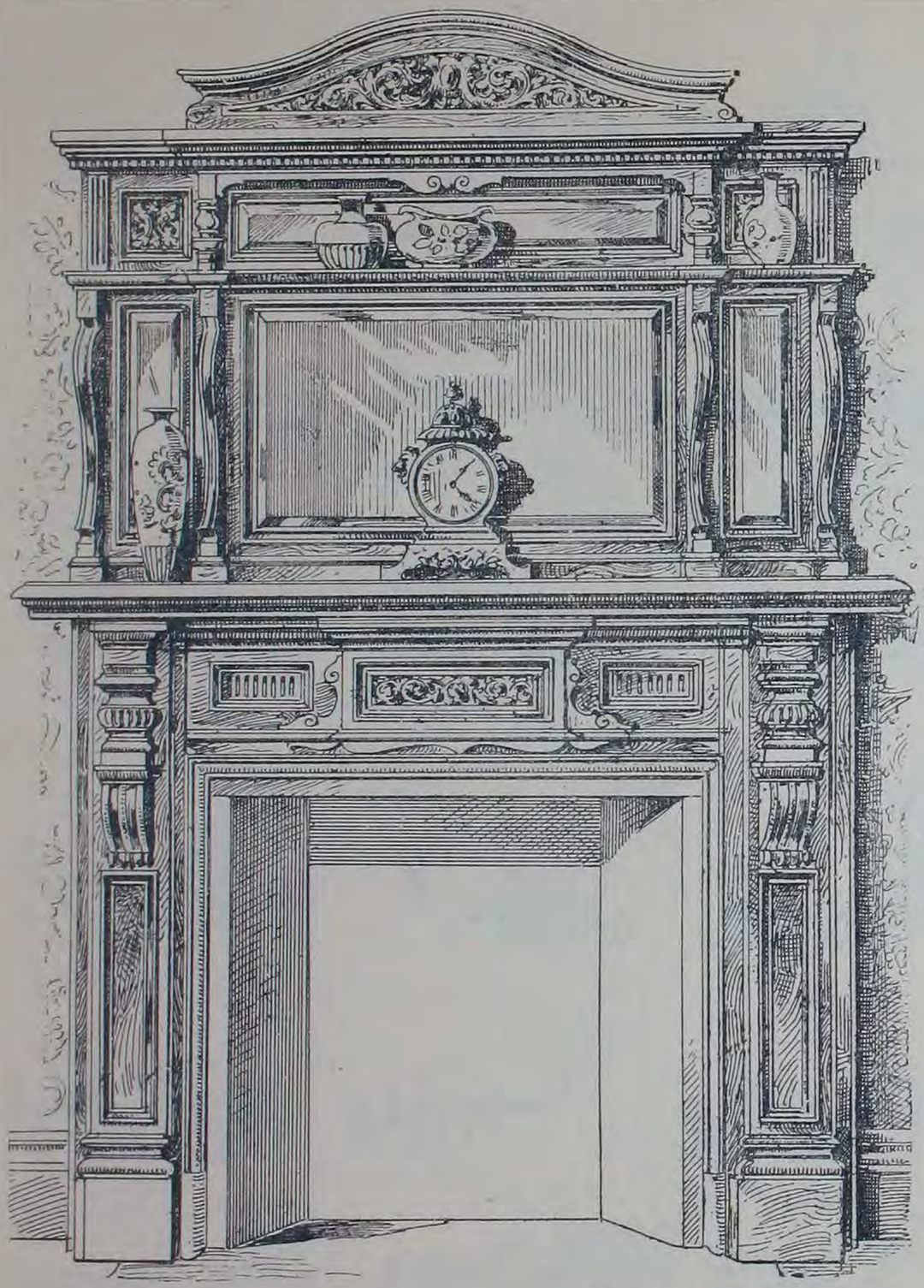


T 1020.	Mantelpiece only, including Black Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, primed for painting	£6 0 0 ...	£10 7 6
Do. Painted three coats, plain colors	£6 5 0 ...	£10 12 6
Oak, Walnut, or Mahogany, polished	£11 12 6 ...	£14 17 6

Prices are for Openings up to 38 inch wide × 38 inch high.

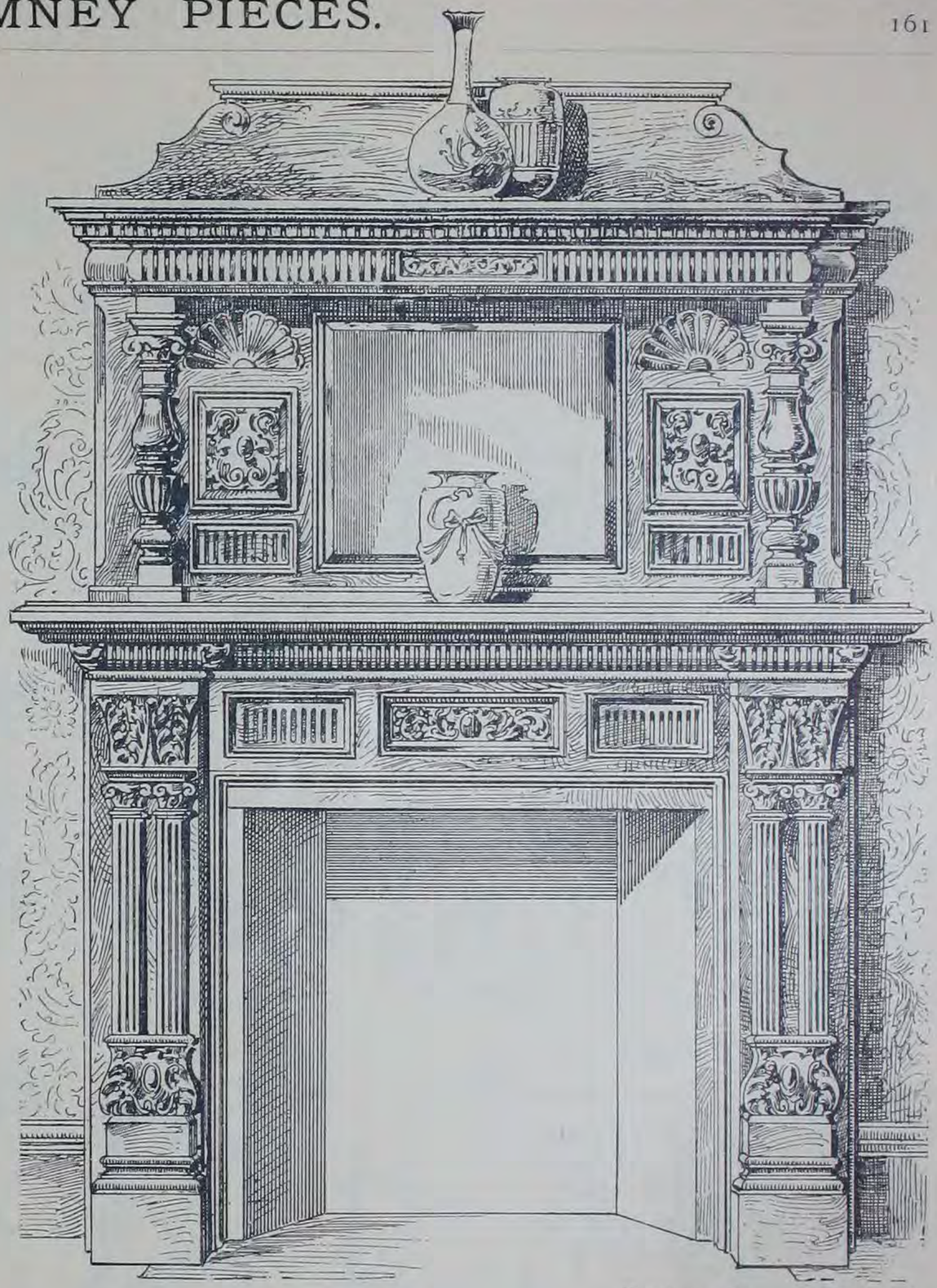
Above are with Black Enamelled Slate Ingrounds. Extra cost of Marble Ingrounds on receipt of Colour required.

Further details will be sent on receipt of requirements.



T 1033.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, primed for painting	£9 2 6	£9 12 6
Do. Painted three coats, plain colors	£9 9 0	£10 0 0
Do. Oak, Walnut, or Mahogany polished	£13 1 6	£14 16 0



T 1035.

	Mantelpiece only, including Black Moulded Enamelled Slate Ingrounds.	Overmantel including Bevelled Glass Panels.
In Pine, primed for painting	£13 9 6	£13 3 0
Do. Painted three coats, plain colors	£13 17 0	£13 10 6
Do. Oak, Walnut, or Mahogany polished	£19 7 6	£18 13 0

Above are with Moulded Black Enamelled Slate Ingrounds. Extra cost of Marble Ingrounds on receipt of colour required. Prices are for Openings up to 40 in. wide × 38 in. high. *Scale ¾-in. = 1 foot.*

GAS BRACKETS AND GLOBES.

GAS BRACKETS.

		Each.—s.	d.
C 980.—Lacquered or Steel Bronzed, stiff, 6in. × ⅜in.		1	1
Ditto	8in. × ½in.	1	5
C 3304.—Ditto do.	8in. × ½in.	2	9
C 982.—Ditto do.	6½in.	8	6
C 983.—Ditto to swing,	12in. × ⅜in.	1	4
Ditto do.	12in. × ½in.	1	10
Ditto do.	12in. × ⅝in.	3	0
C 984.—Ditto double,	24in. × ½in. × ⅜in.	2	9
Ditto do.	24in. × ⅝in. × ½in.	4	3
Ditto do.	24in. × ¾in. × ⅝in.	7	6
Ditto treble,	36in. × ⅝in. × ½in. × ⅜in. ..	6	3
Ditto do.	36in. × ¾in. × ⅝in. × ½in. ...	9	0
C 985.—Ditto double,	24in. × ½in. × ⅜in.	7	0
Ditto single,	14in. × ½in.	4	9
C 986.—Ditto double,	26in. × ⅝in. × ½in.	10	3
Ditto single,	14in. × ⅝in.	8	0
C 987.—Polished, double,	24in. × ½in. × ⅜in.	10	0
Dittc single,	12in. × ½in.	7	0
C 988.—Polished or Steel Bronzed, stiff,	8in. × ½in....	4	0
Polished,	10in. × ⅝in.	6	0
Steel Bronzed,	do.	5	6
Polished,	12in. × ¾in.	7	6
Steel Bronzed,	do.	7	0
C 989.—Polished, to swing,	10in. × ⅝in.	8	0
Steel Bronzed, do.	do.	7	6
Polished, do.	12in × ¾in.	10	0
Steel Bronzed, do.	do.	9	9
C 990.—Lacquered or Steel Bronzed,	do., 12in. ...	3	9
C 3305.—Ditto	do., 14⅜in. ...	7	3
C 992.—Ditto	do., 13in. ...	5	3
C 993.—Polished, to swing,	13½in.	9	3
C 3306.—Ditto do.	13in.	9	6
C 3307.—Lacquered or Steel Bronzed, to swing,	14⅜in.	12	3
C 1069.—Polished,	11⅝in.	11	9
C 1070.—Ditto	13¼in.	11	9
C 1071.—Ditto	13in.	11	9
C 1072.—Ditto	13in.	12	6

Measurements are to centre of Burners. Globes and Burners extra.

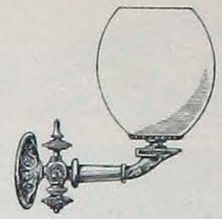
GLOBES.

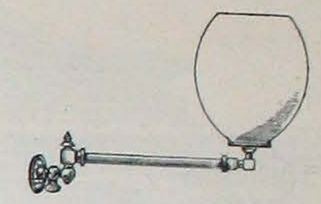
	Each.—s.	d.
C 1000.—Plain Ground Jet, clear bottom, 6½in. dia. for 2⅛in. fittings	0	10
C 1001.—Star Jet, 6½in. dia., for 2⅝in. fittings ...	1	4
C 1002.—Plain Ground Pine, clear bottom, 6½in. dia., for 2⅝in. fittings	1	3
Opal do. do.	0	10
C 1003.—Etched Pine, 6½in. dia., for 2⅝in. fittings ...	2	3
C 1004.—Plain Ground Comet, 7in. dia.	1	6
Opal do. do.	1	0
C 1005.—Etched Comet, do.	2	0
C 1006.—Etched Cup Comet, 6¾in. dia.	2	3
C 1007.—Ten Point Twisted Ruby Comet	2	6

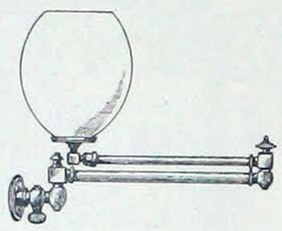
A large variety of other Patterns in Stock.

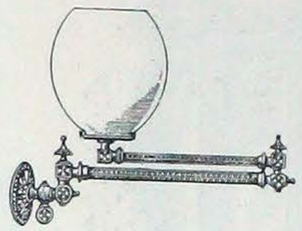

C 980.

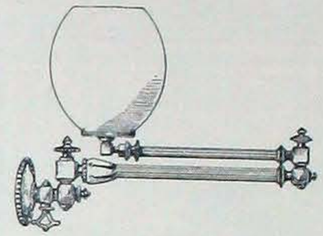

C 3304

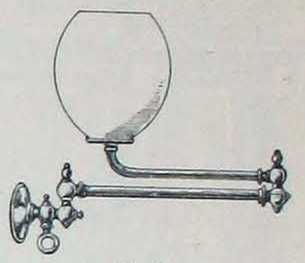

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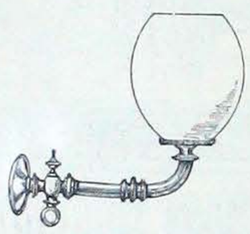

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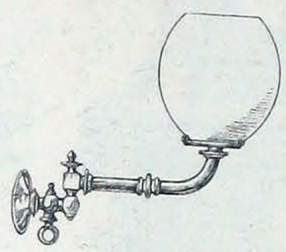

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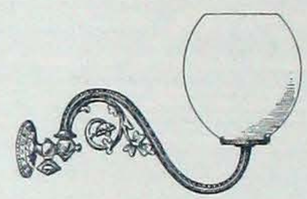

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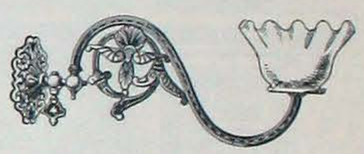

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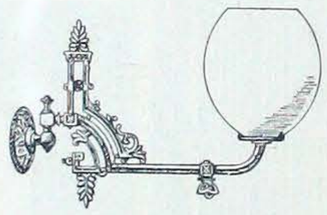

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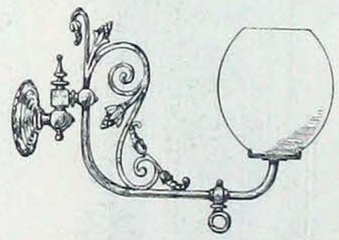

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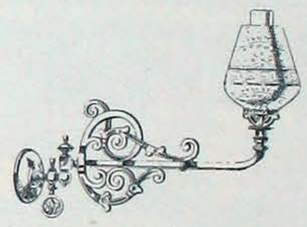

C 989.

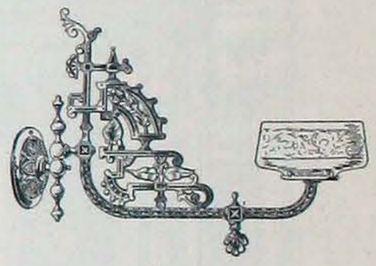

C 990.


C 3305.

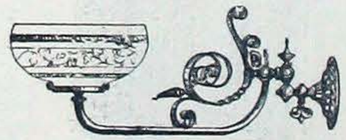

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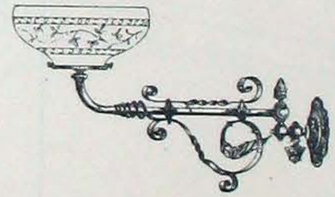

C 993.


C 3306.


C 3307.


C 1069.


C 1070.


C 1071.


C 1072.


C 1000.


C 1001.


C 1002.


C 1003.


C 1004.


C 1005.


C 1006.


C 1007.

Further details will be sent on receipt of requirements.

GAS BRACKETS.

				each
C 3310.— Polished or Steel Bronzed,		to swing,	11¾in.	15/-
C 994.— Polished	do.		13in.	14/9
Steel Bronzed	do.		13in.	13/-
C 3311.— Polished or Steel Bronzed,		stiff	14in.	20/-
C 3312.— Polished	do.	to swing,	13½in.	18/-
C 3313.— Polished	do.	do.	15½in.	19/
C 997.— Polished	do.	do.	14¼in.	18/6
C 999.— Polished	do.	do.	16½in.	20/
C 3314.— Polished	do.	do.	13¼in.	27/6
C 3315.— Polished	do.	stiff,	11¼in.	22/-
C 1060.— Polished	do.	to swing,	10¼in.	25/
C 1061.— Polished	do.	stiff,	10in.	39/3
C 3316.— Polished	do.	to swing,	10¾in.	27/6
C 3317.— Polished	do.	stiff,	12½in.	26/-
C 1062.— Polished	do.	to swing,	12¾in,	30/9
C 3318.— Polished	do.	do.	14in.	37/6
C 1063.— Polished	do.	do.	11¾in.	67/6
C 3319.— Polished	do.	do.	10¼in.	25/9
C 3320.— Polished	do.	do.	10in.	35/9
C 3321.— Polished	do.	do.	15½in.	41/6
C 3322.— Polished	do.	do.	15½in.	53/9

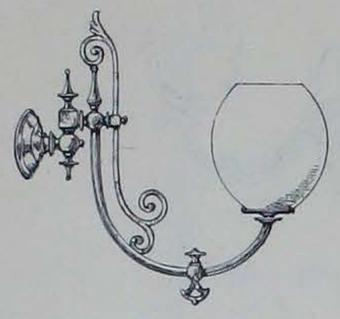
Ebonized Blocks to suit C 3314, C 1061, 3/9 each.

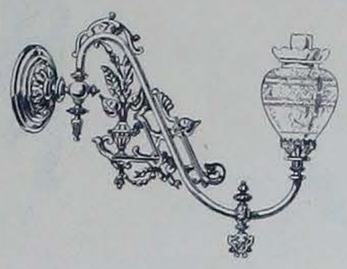
" " " C 3319, C 3320, C 3321, C 3322 } 4/6 "

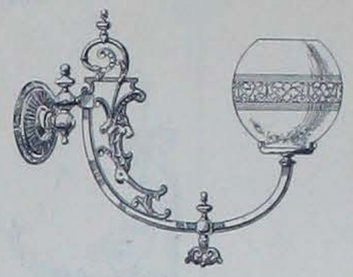
Measurements are to centre of burner.

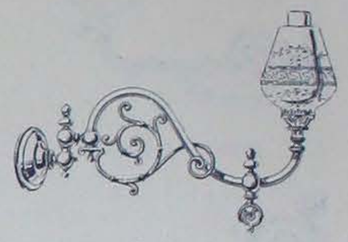
Globes and burners extra.

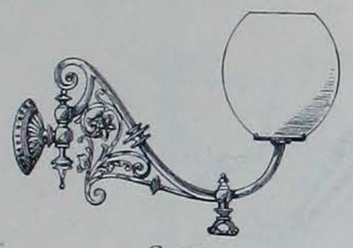

C 3310.

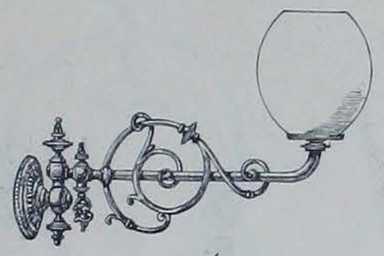

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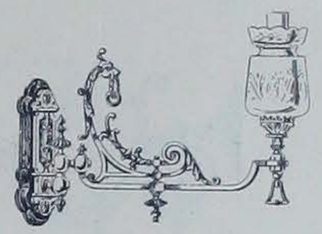

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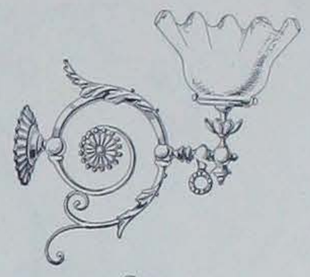

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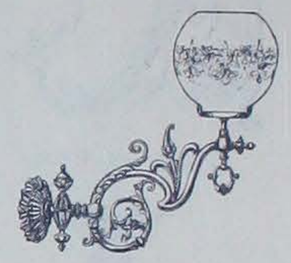

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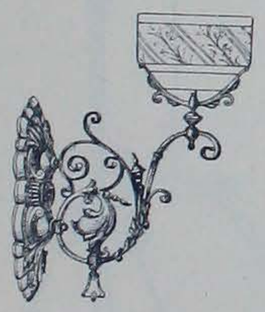

C 997.

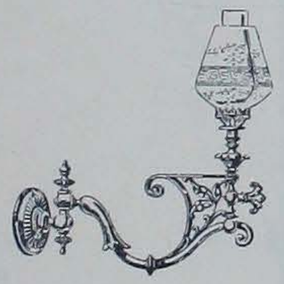

C 999.

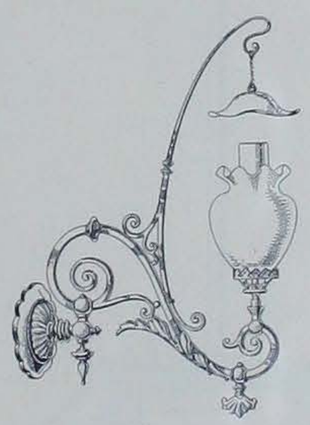

C3314

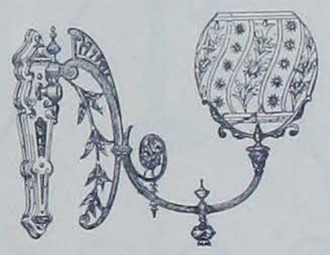

C 3315.

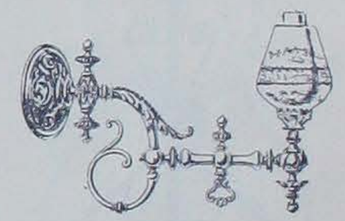

C 1060.

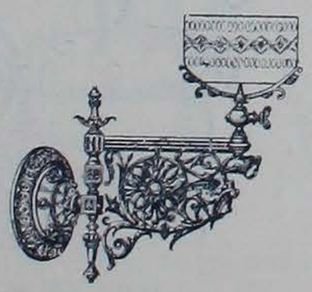

C 1061.

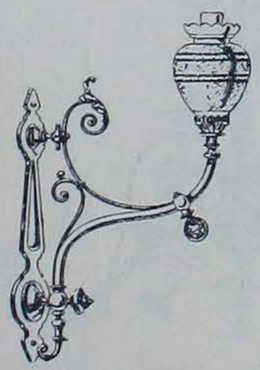

C 3316.

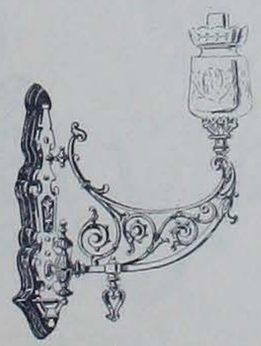

C 3317.

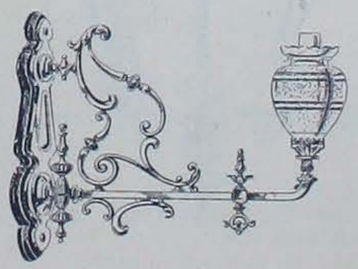

C 1062.

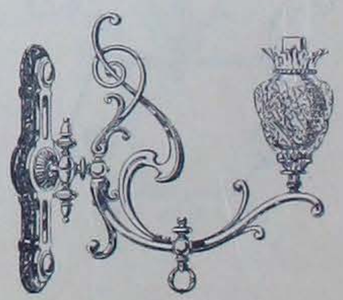

C 3318.


C 1063.


C 3319.

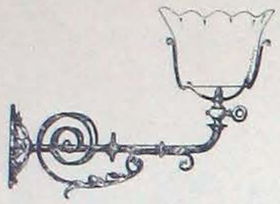

C 3320.


C 3321.

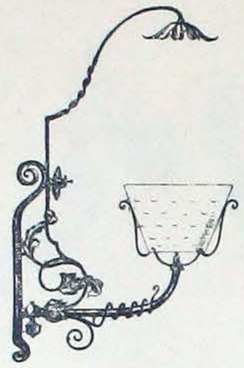

C 3322.

Further details will be sent on receipt of requirements.

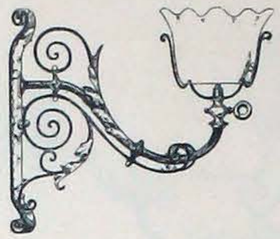
Wrought Iron Gas Fittings with Polished Copper Mounts.



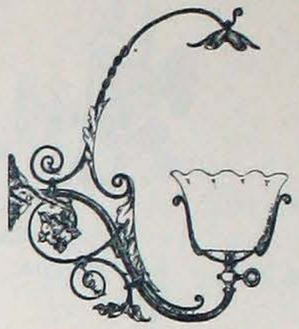
T 1080.—11/3 each.



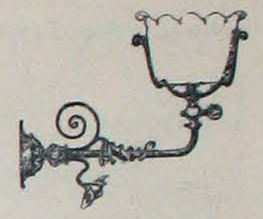
T 1083.—All Iron, 15/9 each.



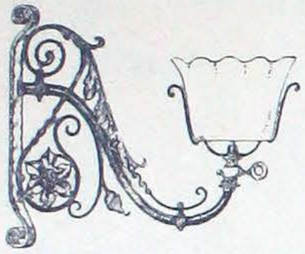
T 1084.—19/6 each.



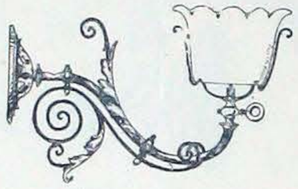
T 1085.—24/- each.



T 1081.—9/6 each.



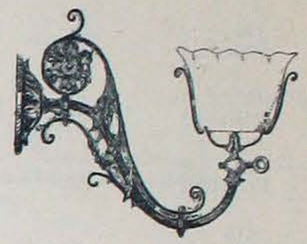
T 1082.—25/6 each.



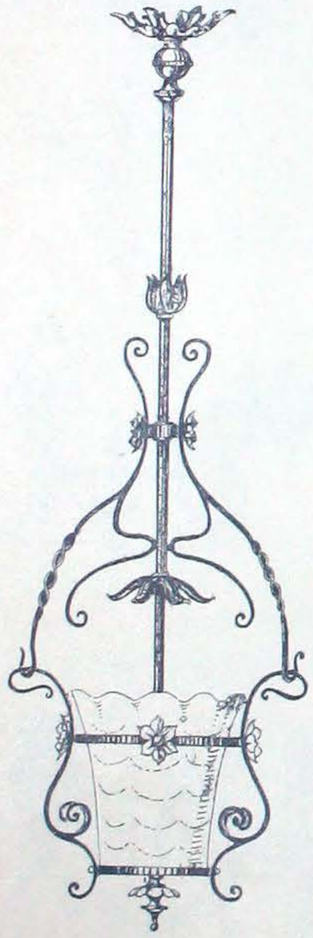
T 1087.—15/9 each.



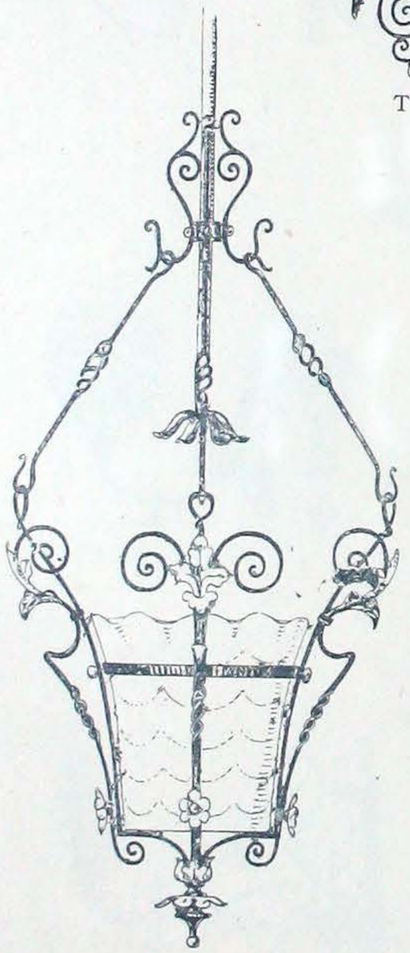
T 1088.—13/6 each.



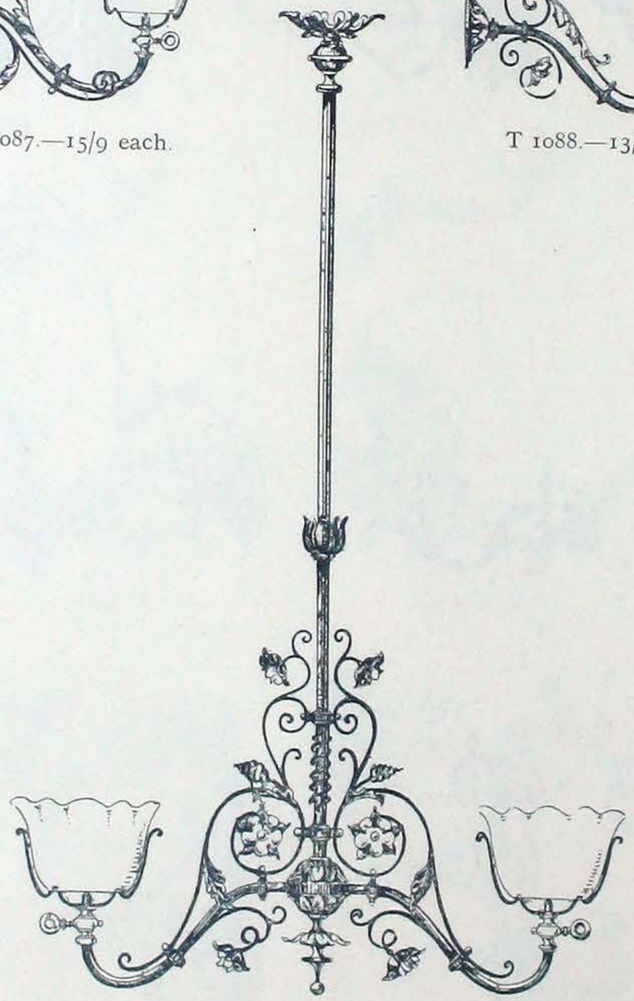
T 1086.—23/3 each.



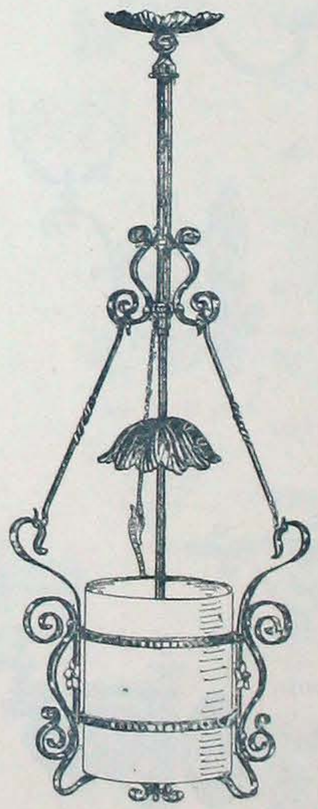
T 1089.—35/- each.



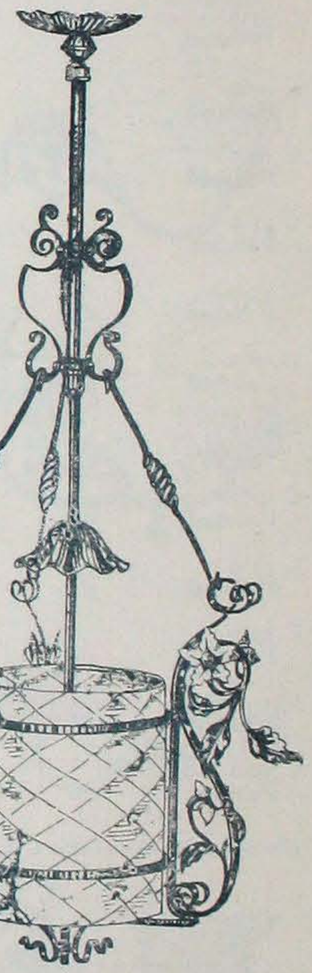
T 1090.—67/6 each.



T 1091.—3 light, 92/6; 5 light, 132/6 each.

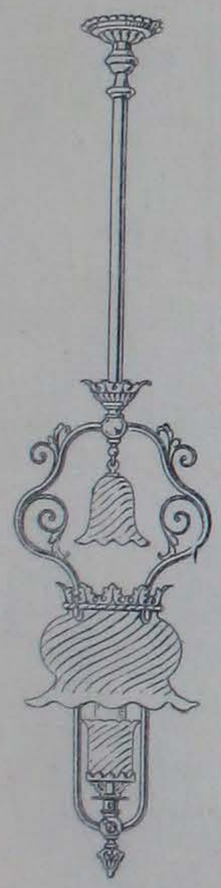


T 1092.—28/6 each.

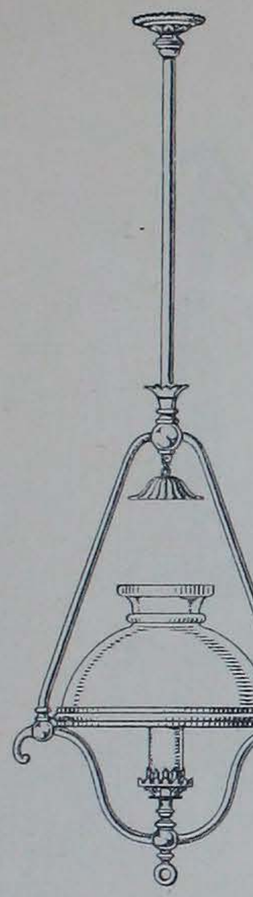


T 1093.—75/- each.

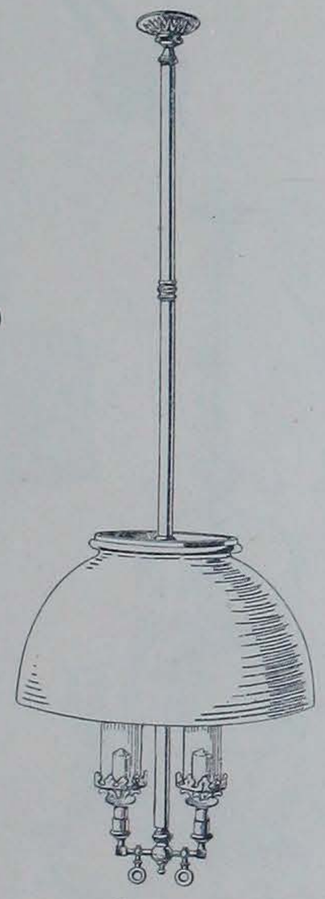
Illustrations are about one-twelfth full size. *Prices of Chandeliers and Brackets do not include Globes and Burners, but prices of Hall Lamps include Clear Glasses. Amber, Opalescent, or Ruby, 2/- to 5/- extra.*



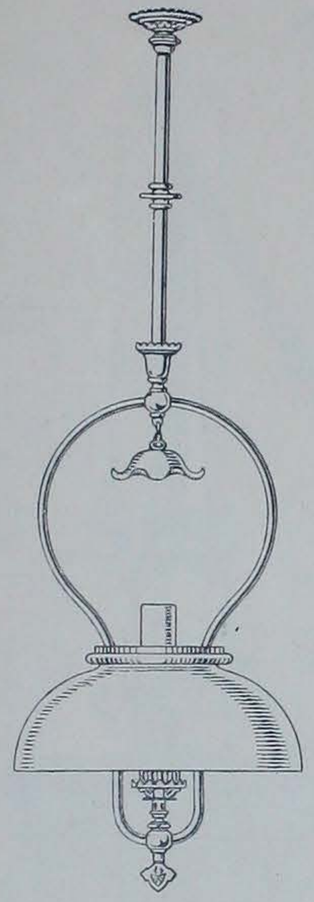
C 3331.



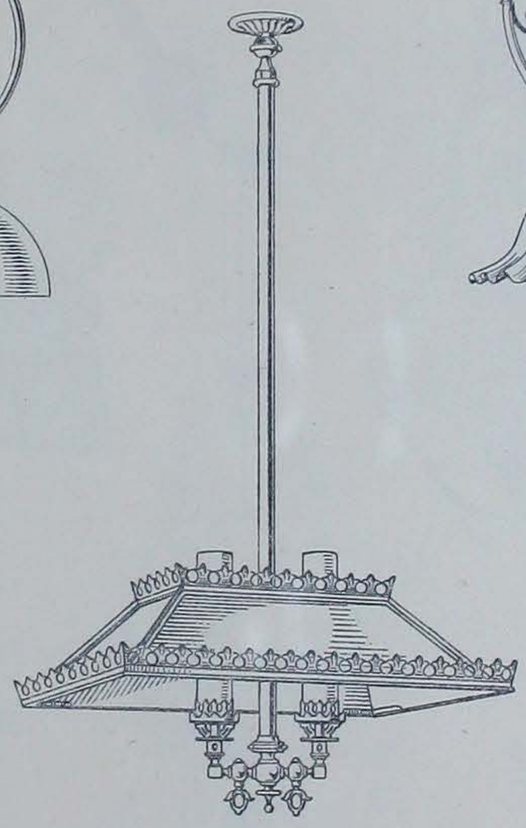
C 3328



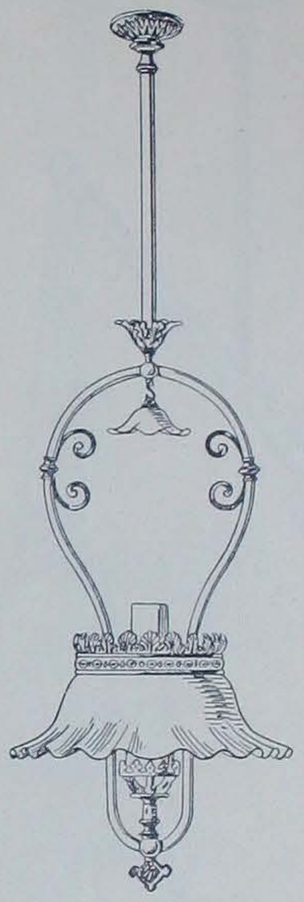
C 3332.



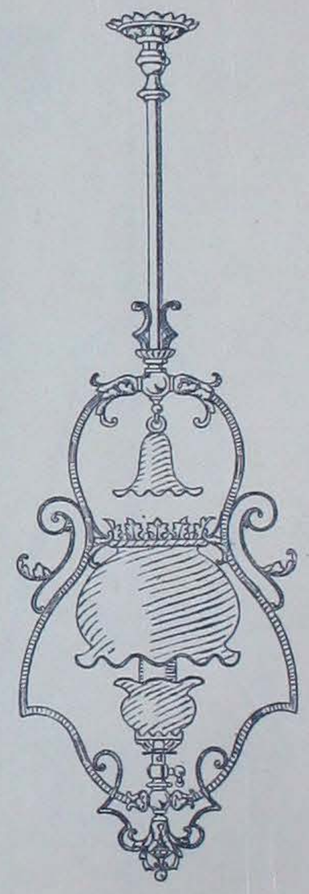
C 3329.



C 3333.



C 3330



C 3334.

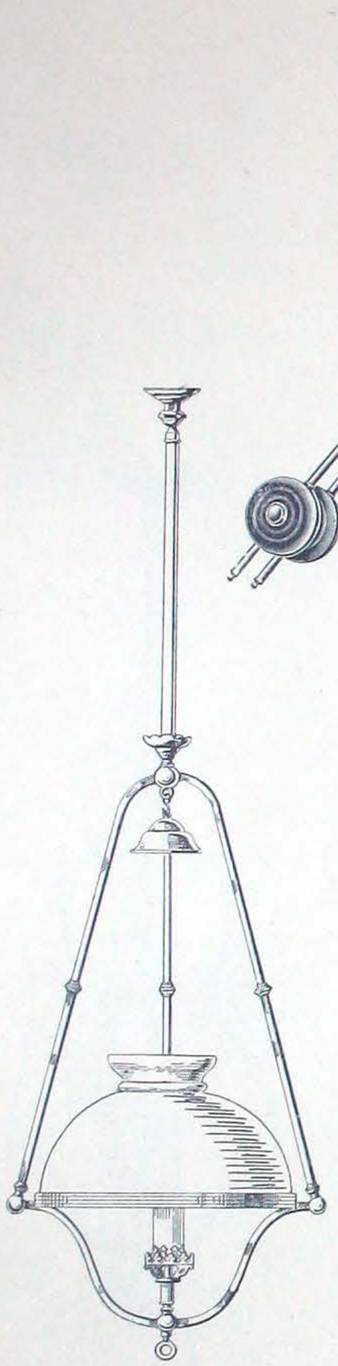
C 3328.—Lacquered or Steel Bronzed, 12 inch opal shade, 4 ft. long ... ... 13/6 each.
C 3329.— Do. do. 16 ,, ,, 4 ft. 6 in. long, 1 light ... 19/- ,,
,, Do. do. 16 ,, ,, ,, ,, 2 ,, ... 23/6 ,,
C 3330.— Do. do. 16 ,, ,, ,, ,, 1 ,, ... 33/6 ,,
,, Do. do. 16 ,, ,, ,, ,, 2 ,, ... 35/6 ,,
C 3331.—Polished or do. 10½ ,, etched, Shaded Aurora shade and eye screen, 4 ft. long, 1 light 43/6 ,,

C 3332.—Polished or Steel Bronzed, 16 inch opal shade, 4 ft. 6 in. long, 2 light 23/6 each.
,, Do. do. 16 ,, ,, ,, ,, 3 ,, 25/6 ,,
C 3333.— Do. do. ,, ,, ,, 2 ,, 29/9 ,,
,, Do. do. ,, ,, ,, 3 ,, 31/6 ,,
C 3334.— Do. do. 9 inch etched, Shaded Aurora shade and eye screen, 4 ft. long, 1 light 63/6 ,,

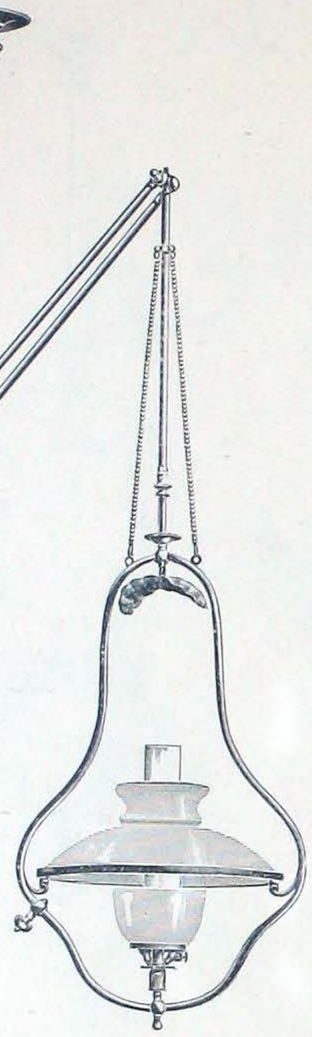
Burners and Chimneys extra. Lengths given are stock lengths. Shorter lengths same price; longer lengths extra.

Further details will be sent on receipt of requirements

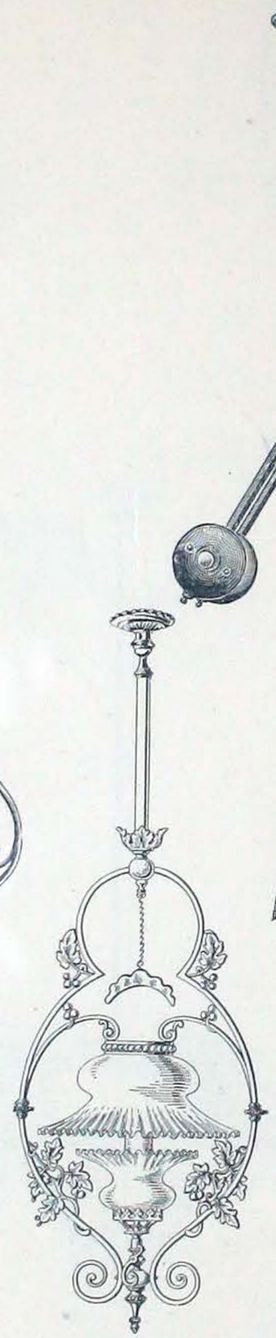
PENDANTS FOR INCANDESCENT BURNERS.



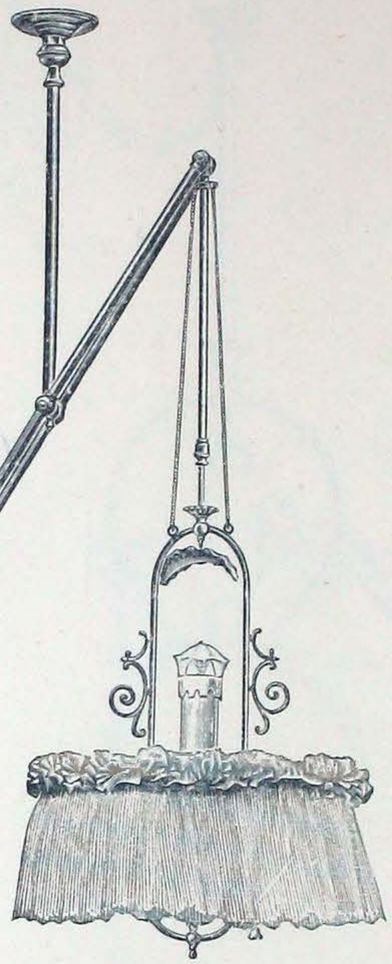
C 3343.



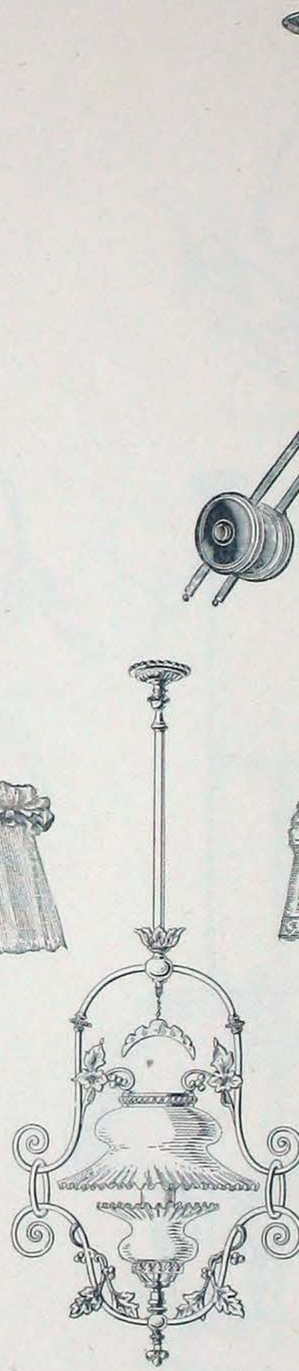
C 3340.



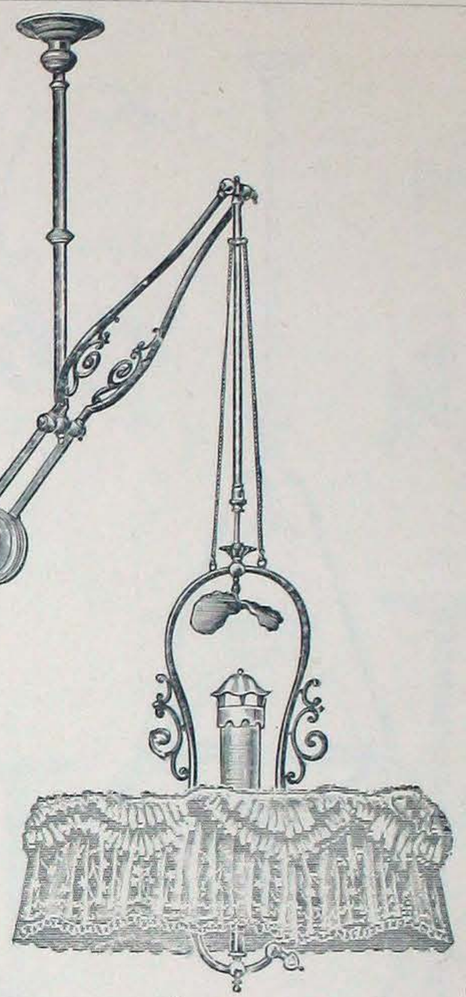
C 3344.



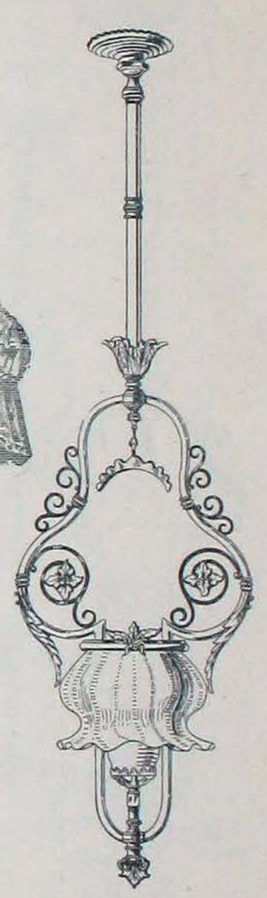
C 3341



C 3345.



C 3342.



C 3346.

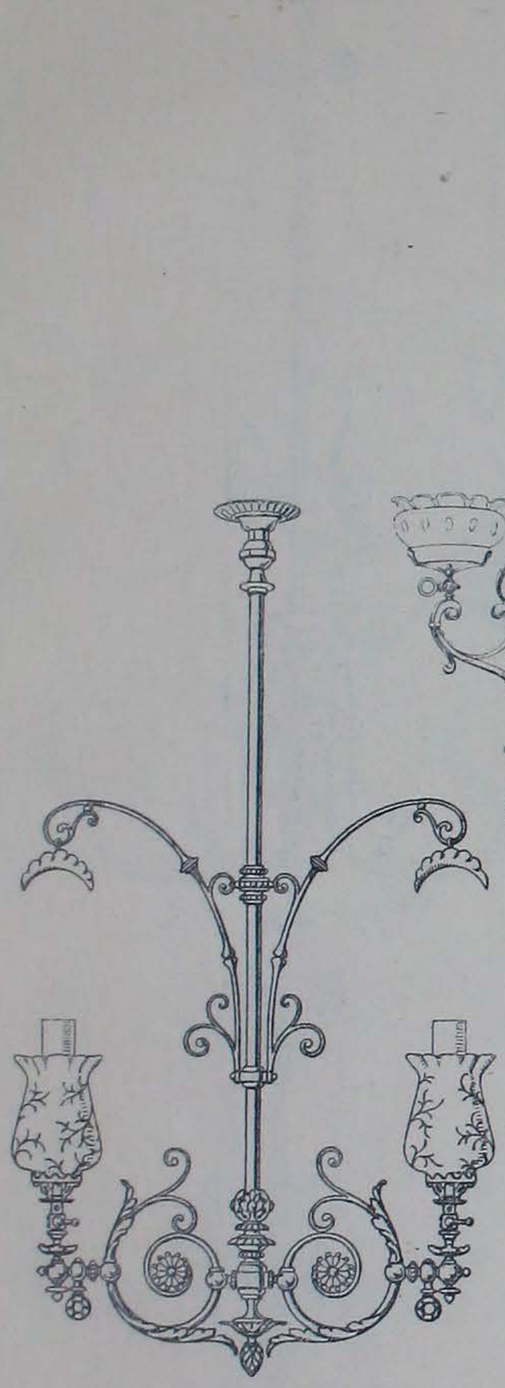
C 3340.—Polished,	12 in. opal shade and eye screen	...	...	55/9	each.
,, Steel Bronzed,	ditto ditto	...	...	45/6	,,
C 3341.—Polished,	14 in. silk shade	...	...	67/6	,,
,, Steel Bronzed,	ditto	...	...	55/-	,,
C 3342.—Polished,	19 in. cotton, silk and lace shade	...	...	79/6	,,
,, Steel Bronzed,	ditto ditto	...	...	69/9	,,

C 3343.—Lacquered or Steel Bronzed,	12 in. opal shade 4 feet 6 inches long	..	...	31/9	each.
,, Ditto	ditto 14 in. ditto	ditto	..	36/3	,,
C 3344.—Polished or	ditto 11 in. shaded, ruby shade and eye screen, 4 feet long			40/6	,,
C 3345.—Ditto	ditto	ditto	ditto	48/-	,,
C 3346.—Ditto	10 in. shaded, opalescent shade and eye screen, 4 feet 6 inches long			56/3	,,

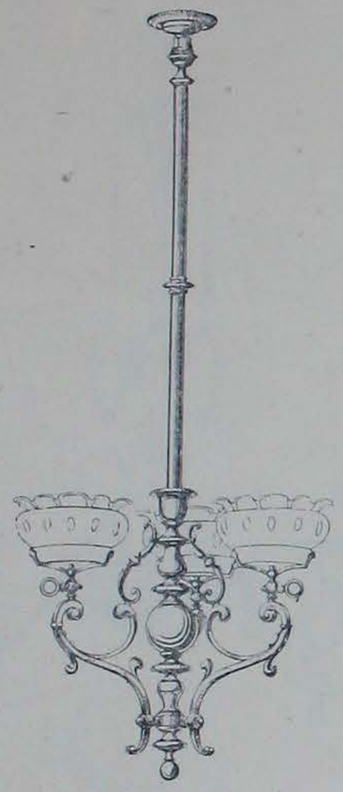
Burners and Chimneys extra.

Lengths given are stock lengths; shorter lengths same price, longer lengths extra.

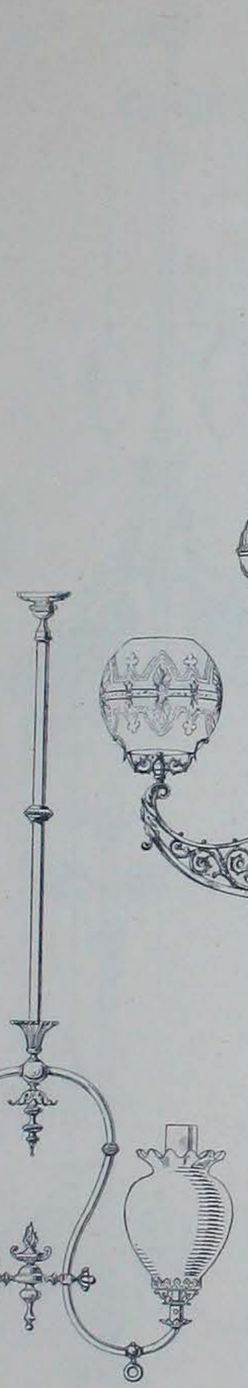
Further details will be sent on receipt of requirements.



C 3352.

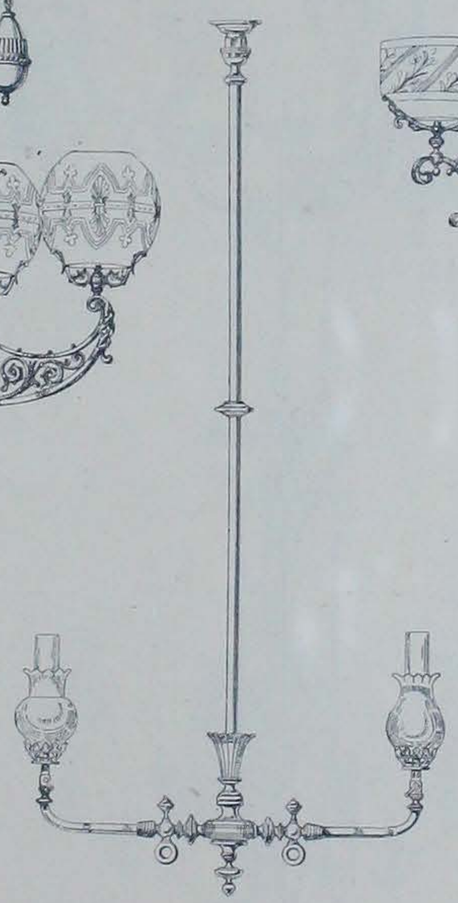


C 1066.

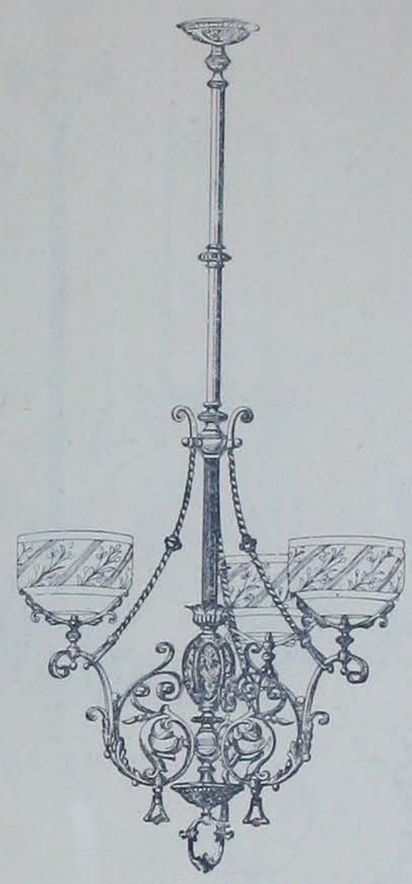


C 3351.

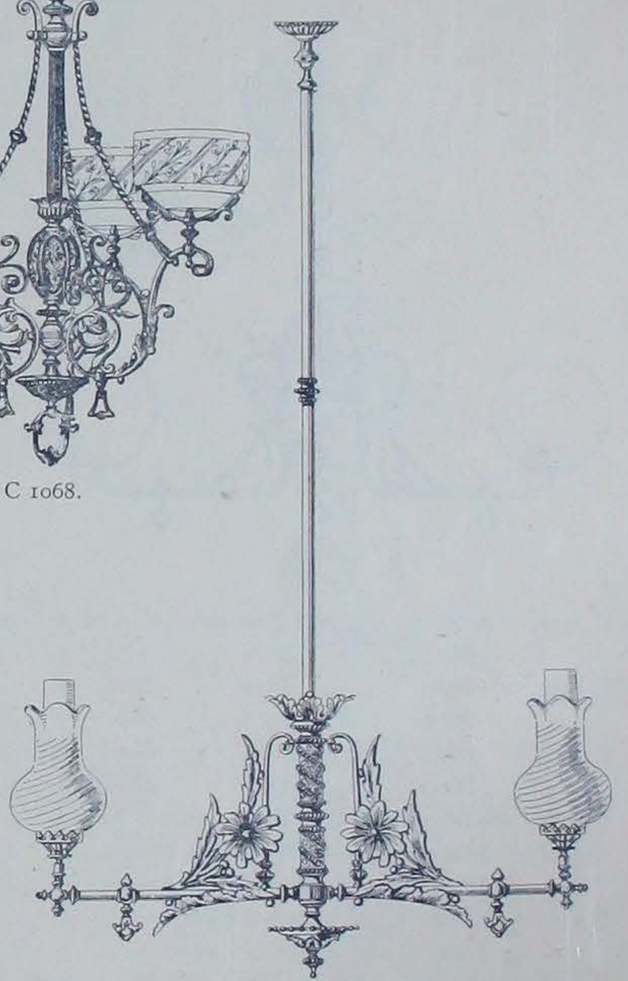
C 1067



C 3350.



C 1068.



C 3353.

C 1066.—Polished or Steel Bronzed, 4 feet 6 inches long, 3 light ... . 109/6 each
C 1067.— Do. do. 4 ,, 6 ,, 3 ,, ... 132/6 ,,
,, Do. do. 5 ,, 0 ,, 5 ,, ... 200/- ,,
C 1068.— Do. do. 4 ,, 6 ,, 3 ,, ... 132/6 ,,

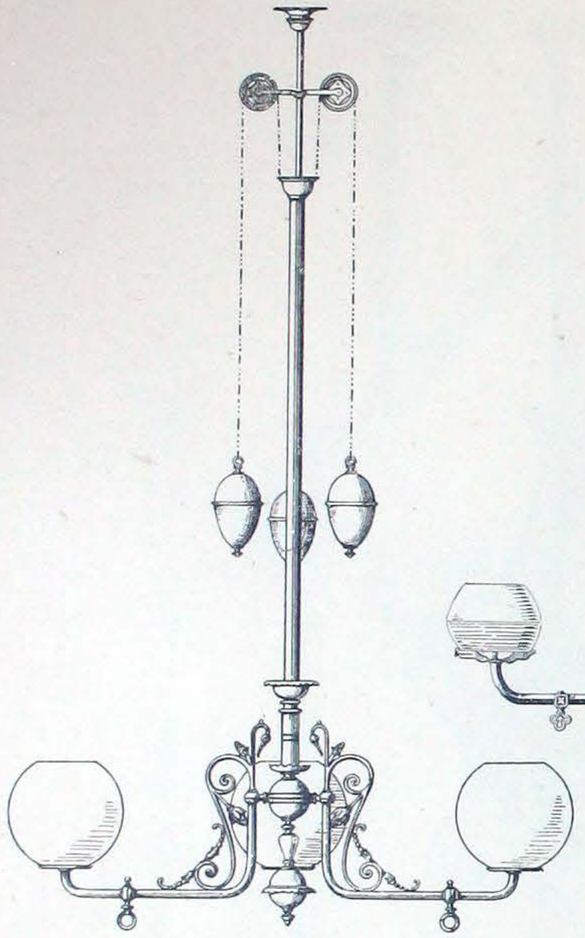
Burners and Glasses extra.

C 3350.—Polished, 4 feet 6 inches long, 2 light ... ... 27/6 each
,, Steel Bronzed 4 ,, 6 ,, 2 ,, ... 25/- ,,
C 3351.—Polished or Steel Bronzed, 4 ,, 0 ,, 2 ,, ... 40/- ,,
C 3352.— Do. do. 4 ,, 6 ,, 2 ,, ... 67/- ,,
C 3353.—Polished with Steel Bronzed ornaments, 4 ,, 6 ,, 2 ,, ... 60/6 ,,

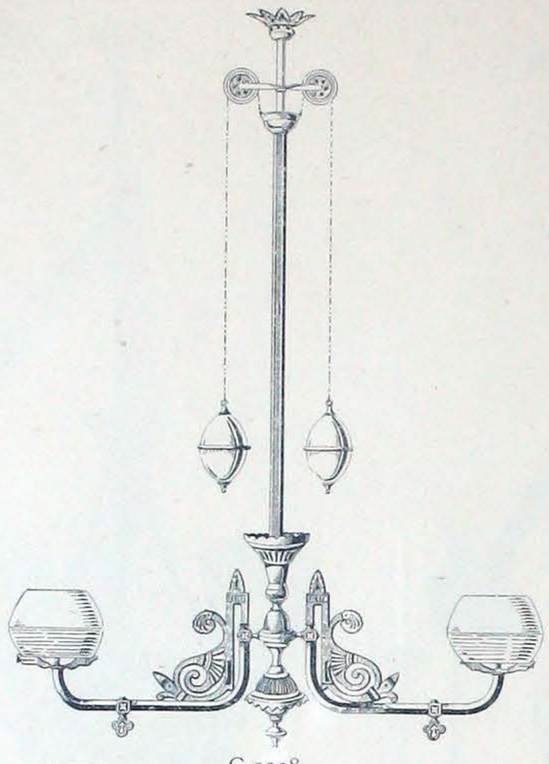
Lengths given are Stock Lengths; shorter lengths same price, longer lengths extra.

Further details will be sent on receipt of requirements.

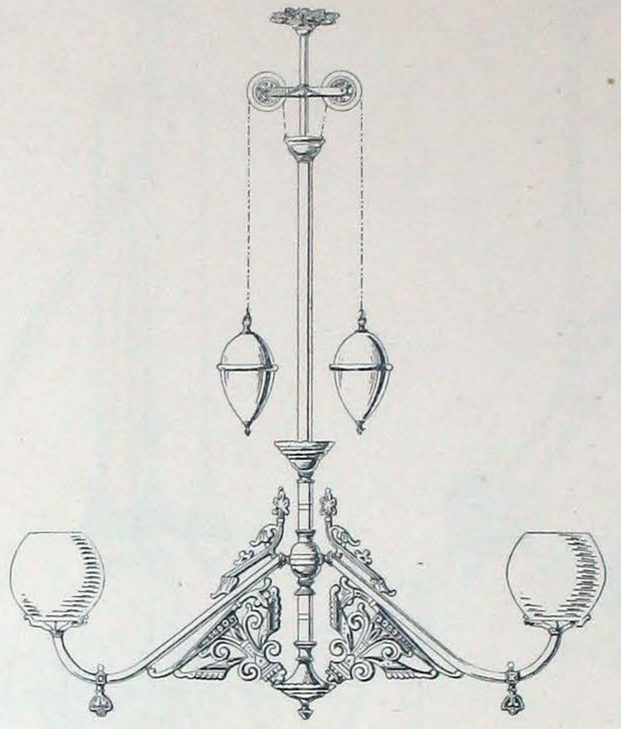
GAS CHANDELIERS.



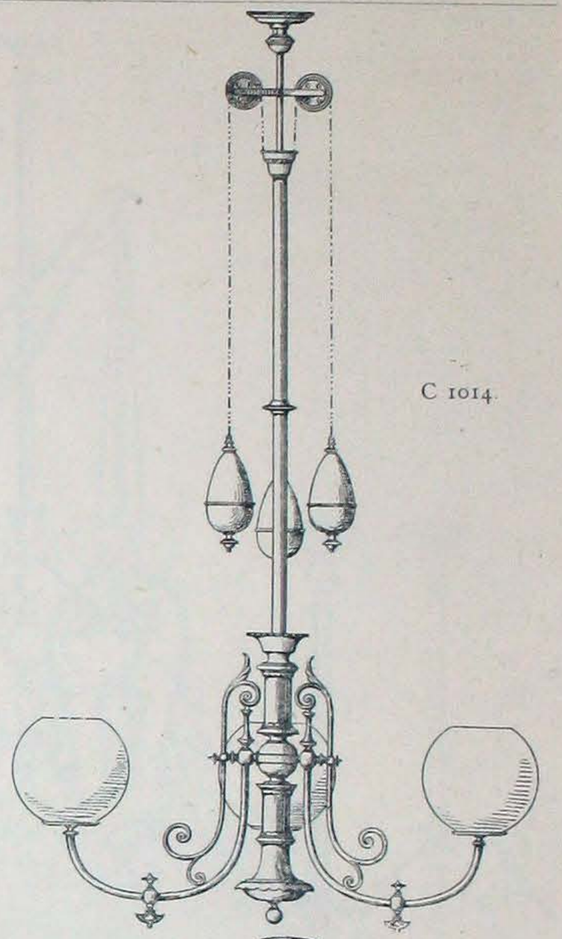
C 1011.



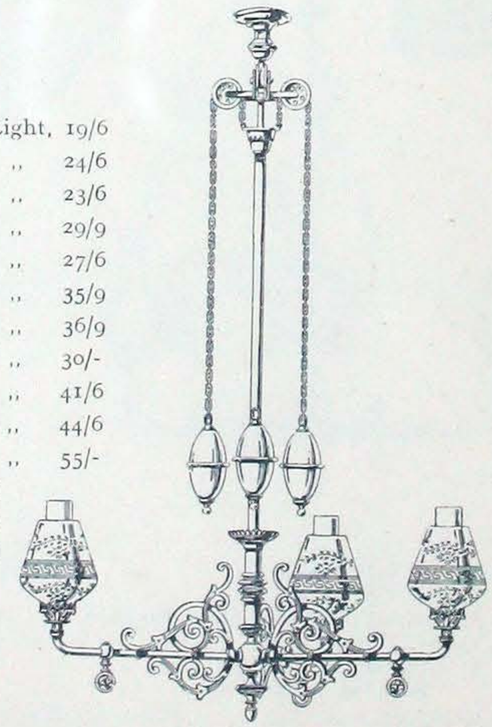
C 3358.



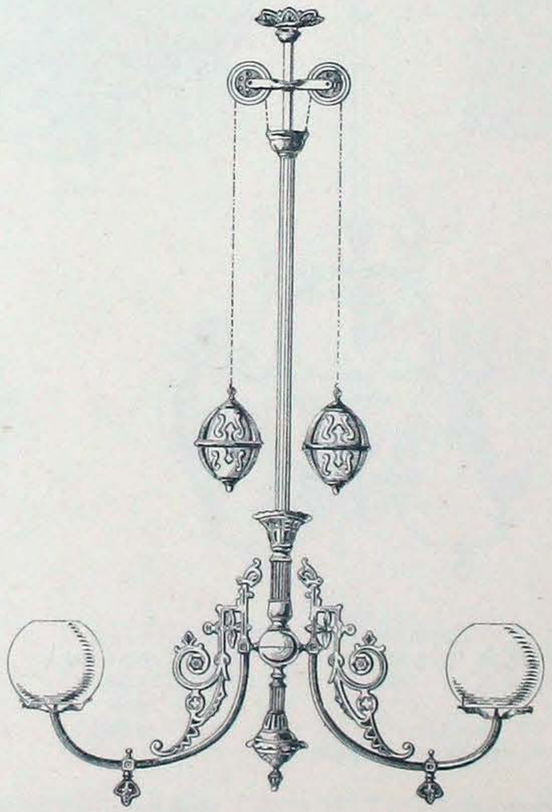
C 3360.



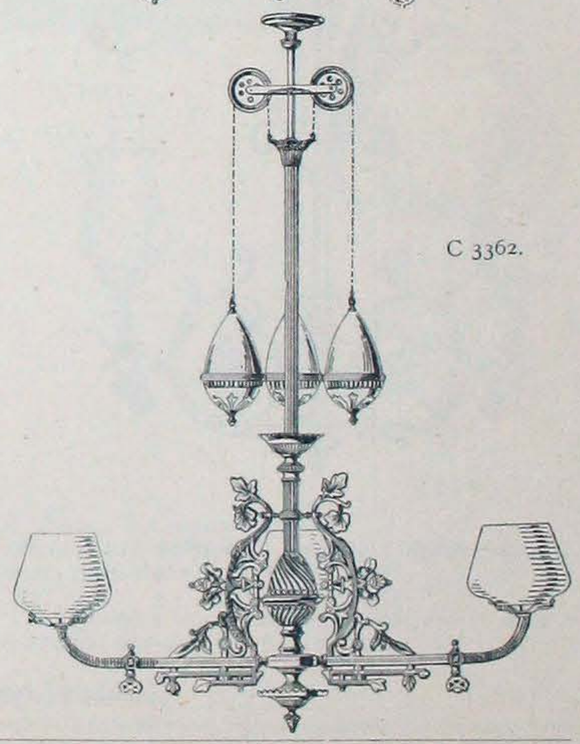
C 1014.



C 3361.



C 3359.



C 3362.

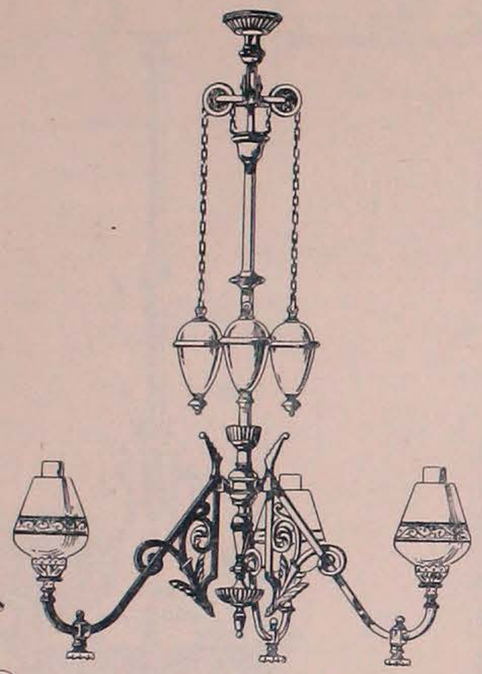
C 3358.—Lacquered or Steel Bronzed, 4 ft. long, 2 Light, 19/6
Ditto ditto ditto 3 ,, 24/6
C 3359.— Ditto ditto ditto 2 ,, 23/6
Ditto ditto ditto 3 ,, 29/9
C 3360.— Ditto ditto ditto 2 ,, 27/6
Ditto ditto ditto 3 ,, 35/9
C 1011.—Polished or Steel Bronzed, 4 ft. long, 3 ,, 36/9
C 3361.— Ditto ditto 4 ft. 6 in. ,, 2 ,, 30/-
Ditto ditto 4 ft. 6 in. ,, 3 ,, 41/6
C 3362.— Ditto ditto 4 ft. ,, 2 ,, 44/6
Ditto ditto 4 ft. 6 in. ,, 3 ,, 55/-
C 1014.—Polished, 4 ft. 6 in. long, 3 Light... 73/6
Steel Bronzed, 4 ft. 6 in. long, 3 Light 67/6
C 1014.—Polished, 5 ft. long, 5 Light . 122/6
Steel Bronzed, 5 ft. long, 5 Light ... 115/-

Burners and Glasses extra.

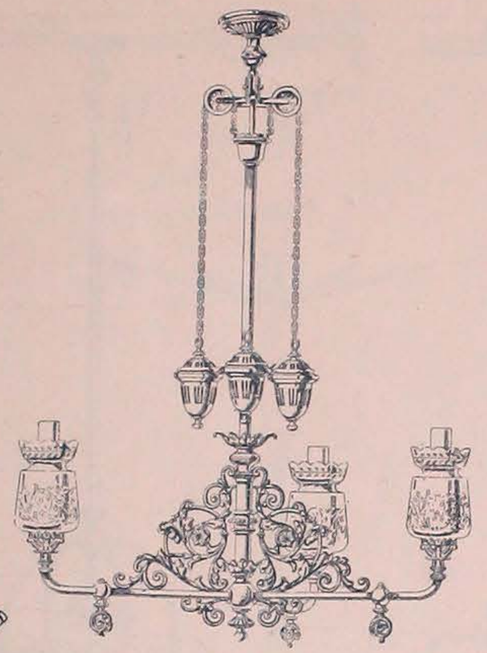
Lengths given are stock lengths; shorter lengths same price, longer lengths extra.

Further details will be sent on receipt of requirements.

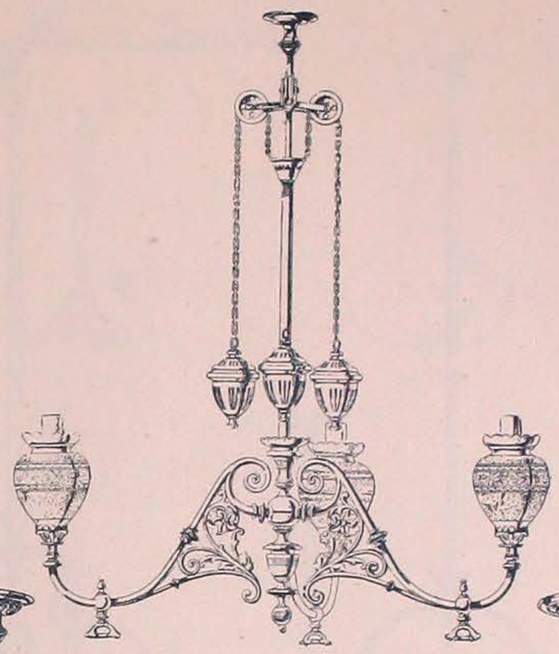
GAS CHANDELIERS.



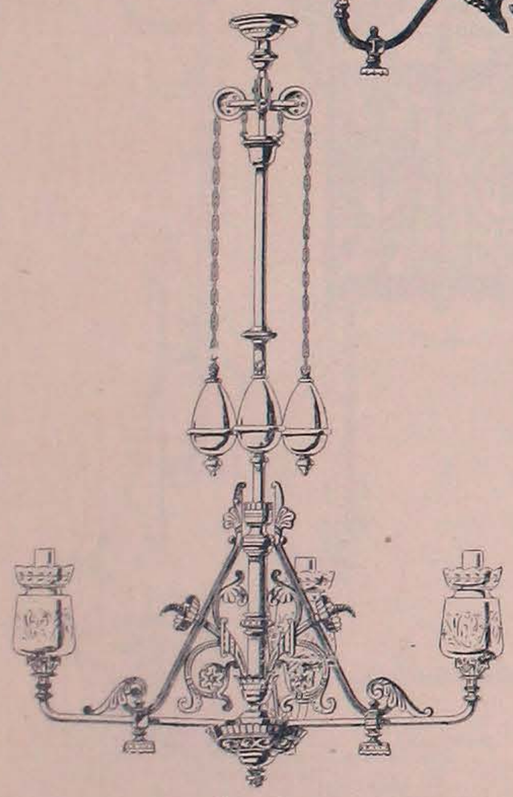
C 3365.



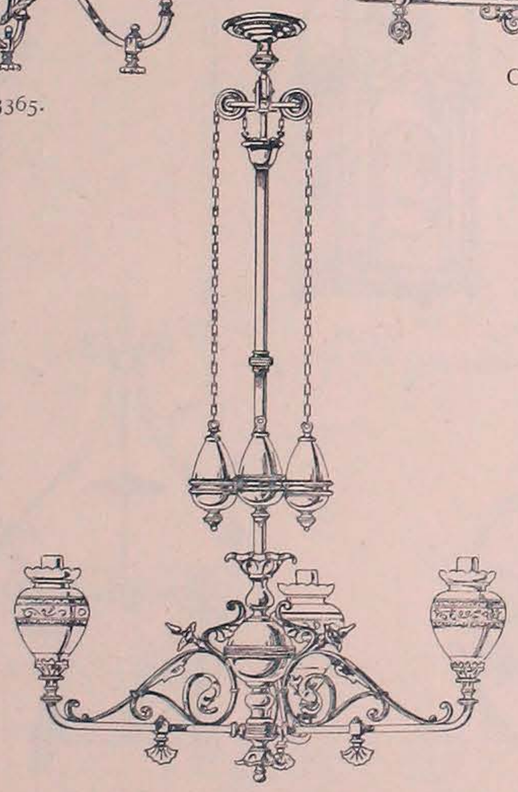
C 3366



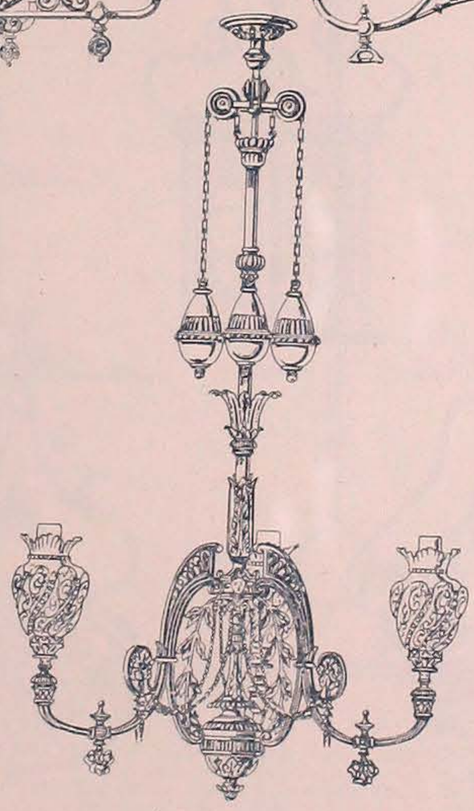
C 3367.



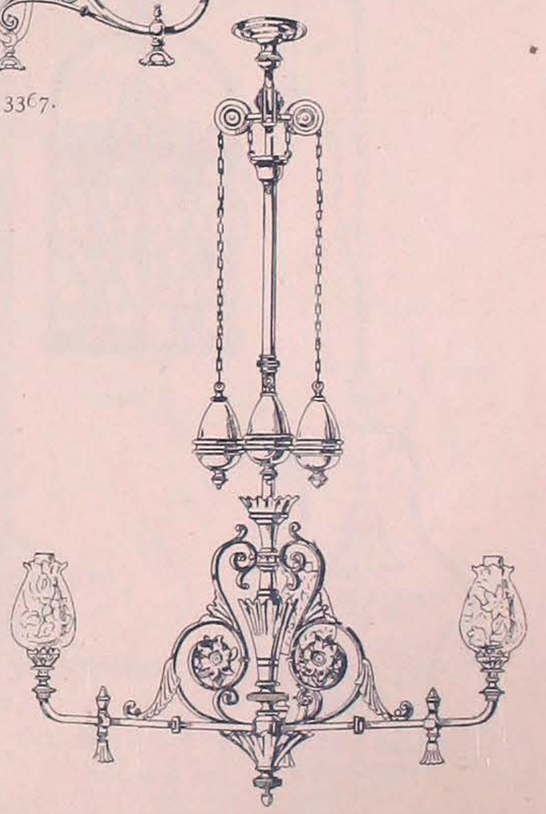
C 3368.



C 3369.



C 3370.



C 3371.

C 3365.—	Polished or Steel Bronzed,	4 feet 6 inches	long,	3 light	...	...	62/6	each.
,,	Do.	do.	5 ,,	,, 5 ,,	...	...	116/-	,,
C 3366.—	Do.	do.	4 ,, 6 inches	,, 3 ,,	...	...	53/9	,,
,,	Do.	do.	5 ,,	,, 5 ,,	...	...	84/-	,,
C 3367.—	Do.	do.	4 ,, 6 inches	,, 3 ,,	...	...	86/-	,,
,,	Do.	do.	5 ,,	,, 5 ,,	...	...	131/-	,,
C 3368.—	Do.	do.	4 ,, 6 inches	,, 3 ,,	...	...	90/-	,,
C 3368.—	Polished or Steel Bronzed,	5 feet	long,	5 light	...	...	146/-	each.
C 3369.—	Do.	do.	4 ,, 6 inches	,, 3 ,,	...	...	104/-	,,
,,	Do.	do.	5 ,,	,, 5 ,,	...	...	155/-	,,
C 3370.—	Do.	do.	4 ,, 6 inches	,, 3 ,,	...	...	125/-	,,
,,	Do.	do.	5 ,,	,, 5 ,,	...	...	183/6	,,
C 3371.—	Do.	do.	4 ,, 6 inches	,, 3 ,,	...	...	142/6	,,
,,	Do.	do.	5 ,,	,, 5 ,,	...	...	217/6	,,

Burners and Glasses extra.

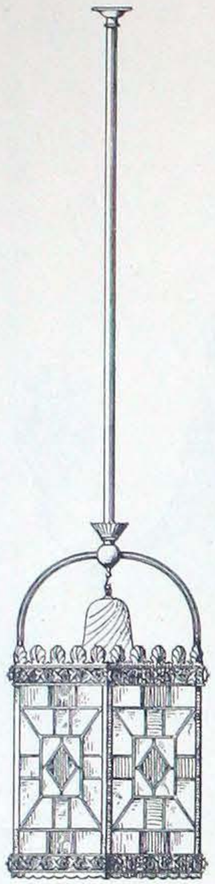
Lengths given are stock lengths; shorter lengths same price, longer lengths extra.

Further details will be sent on receipt of requirements.

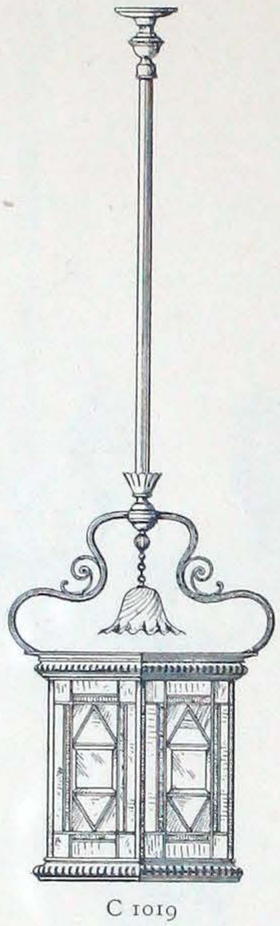
HALL LAMPS.



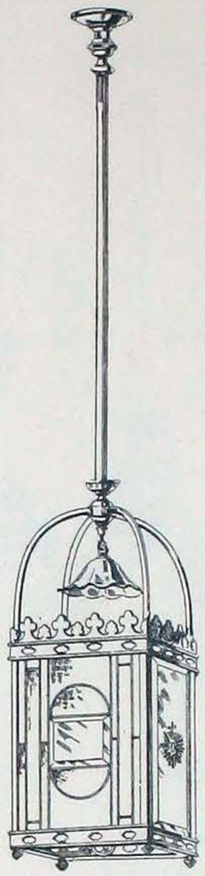
C 3376.



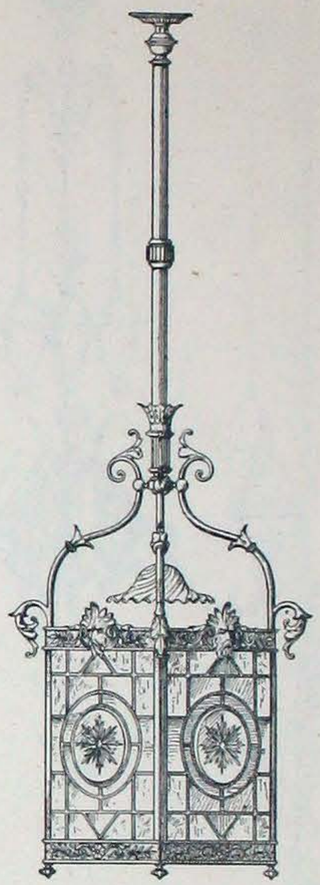
C 1018.



C 1019

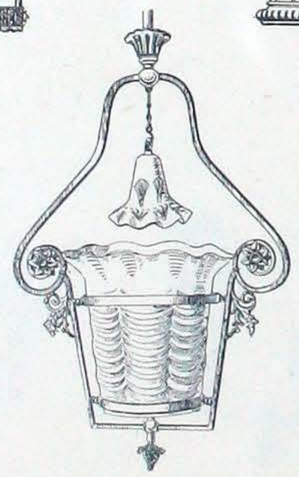


C 3375

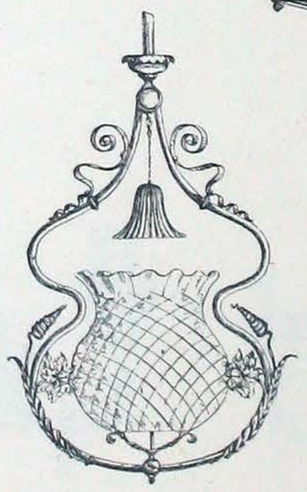


C 1021.

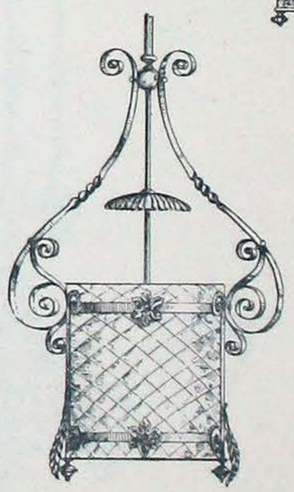




C 3377.



C 1064.



C 1065.

C 3378.

C 1018.—	Polished, with Cathedral glass,	stiff top,	3 ft. 6 in. long	× 7½ in.	square	18/3	each
C 1019.—	Do.	do.	cup and ball joint,	4 ft.	,,	× 7½ in.	,,	33/9	,,
C 3375.—	Do.	do.	do.	4 ft.	,,	× 8⅛ in.	,,	40/3	,,
,,	Do.	with bevelled glass and star,	do.	4 ft.	,,	× 8⅛ in.	,,	46/6	,,
C 1021.—	Do.	with Cathedral glass	do.	4 ft. 6 in.	,,	× 9 in.	,,	79/6	,,

C 3376.—	Polished, with coloured glass cylinder,	cup and ball joint,	4 ft. long	...	...	25/3	each
C 3377.—	Do.	do.	do.	do.	do.	...	...	35/9	,,
C 1064.—	Do.	do.	do.	do.	do.	...	...	38/-	,,
C 1065.—	Do.	do.	do.	do.	do.	...	...	43/3	,,
C 3378.—	Do.	do.	do.	do.	do.	...	...	56/9	,,

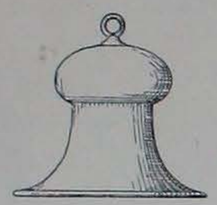
Lengths given are Stock Lengths; shorter lengths same price, longer lengths extra.

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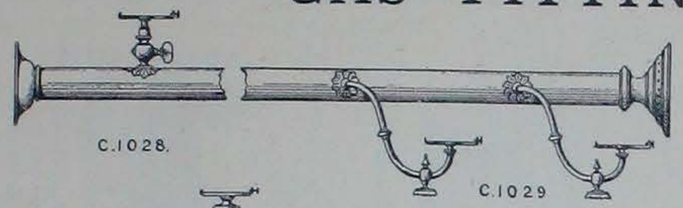
GAS FITTINGS.



C 1022.

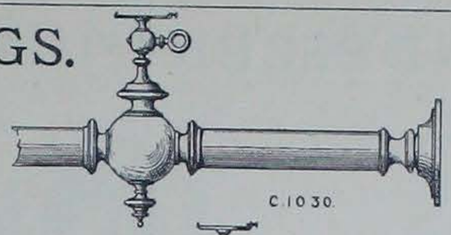


C 1023.



C.1028.

C.1029



C.1030.



C.1036.



C.1037.



T.1033.



C 1024.



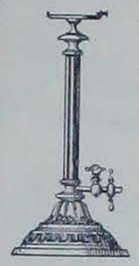
C 1025.



C.1038.



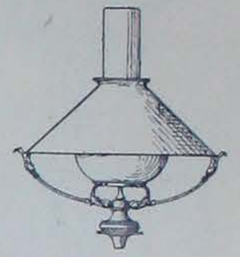
C.1042.



C.1039.



C.1035.



T.1034.



C 1026.



C.1027.



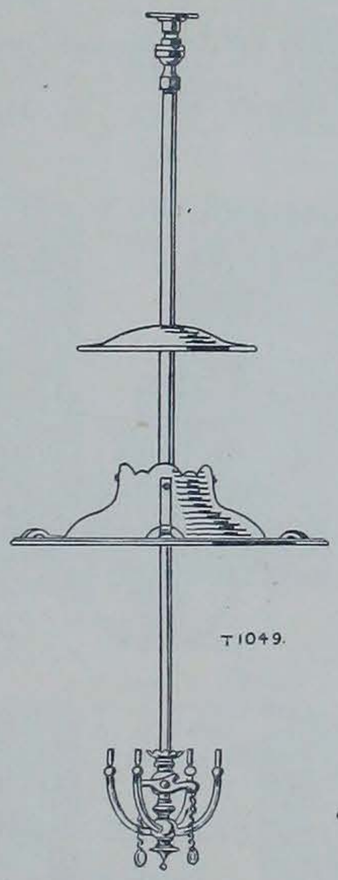
C.1040



C.1041

C.1046.

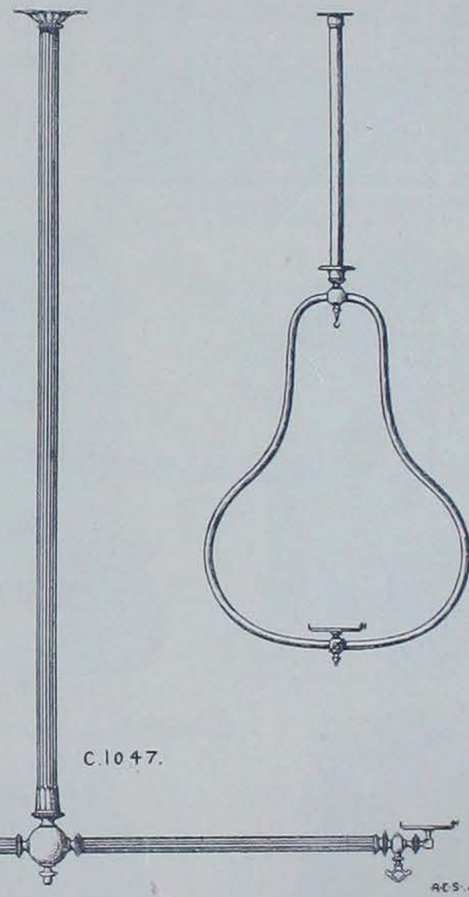
C.1043.



T.1049.



C.1044.



C.1047.

C.1045.

ACS 97.

	£	s.	d.
C 1022.—Taper glass consumer, 4 in. & 6 in. dia. each	0	0	9
C 1023.—Bell ,, ,, 8 in. by 10 in. dia....	0	1	6
C 1024.—Glass ceiling plates, 10 in. 1/6, 12 in. dia....	0	2	0
C 1025.—Tin ,, ,, 9 in. 1/-, 12 in. dia ...	0	1	3
Enamelled ,, 8 in. 1/-, 10 in. 1/3 12 in. dia. ... ... each	0	1	6
C 1026.—Stained mahogany gas blocks— Plain—3½ in. 4 in. 4½ in. 5 in. 6 in. dia. 1/7 1/9 2/- 2/4 3/- per doz. 2d. 2½d. 2½d. 3d. 4d. each. Grooved or ebonized 3d. per dozen extra.			
C 1027.—Galvanized wire gas globes, 8 in. dia., for 2⅜ in. fittings	0	1	0
C 1028.—Polished brass gas rails, with 2 lights. 6 ft. long by 1½ in. dia.	1	13	3
Longer 3/- per ft. extra. Extra lights, 2/3 each.			

	£	s.	d.
C 1028.—Ditto, 6 ft. long by 2 in. dia. with 2 lights	2	3	0
Longer 4/- ft. extra. Extra lights, 2/3 each.			
C 1029.—Ditto, 6 ft. long by 1½ in. dia., with 2 lights	2	3	0
Longer 3/- ft. extra. Extra lights, 6/- each.			
Ditto, ditto, 6 ft. long by 2 in. dia. ...	2	13	6
Longer 4/- ft. extra. Extra lights, 6/- each.			
C 1030.—Ditto, 6 ft. long by 2 in. dia., with 2 lights	4	5	9
Longer 4 -ft. extra. Extra lights, 21/6 each.			
C 1031.—Bray's *special* burners, 1/9 per doz.; each	0	0	2½
For price of cheaper burners see page 56.			
T 1032.—Sugg's steatite float governor burners table top as drawn each	0	1	8
Ditto, ditto, hollow top ,,	0	1	6
Ditto, ditto, without governor ,,	0	0	6
T 1079.—Sugg's Christiania governor burners, Britannia metal, gilt, silver, or bronzed	0	4	0

	£	s.	d.
T 1034.—Sugg's London Argand burner with diaphragm governor, shade, &c., complete...	0	15	11
C 1035.—Regulating Argand burner with shade, &c.	0	3	3
C 1036.—Lacquered comet holder 4/9 doz. each	0	0	6
C 1037.—Best polished or steel bronzed ditto ,,	0	1	10
C 1038.—Steel bronzed portable gas standard 12in. high	0	10	3
C 1039.—Ditto, ditto, 14 in. ,,	0	13	0
C 1040.—Steel bronzed counter or desk pillar light, 24 in. high by 1 in. dia	0	11	6
C 1041.—Ditto, ditto, taper tube 24 in. high ...	0	15	6
C 1042.—Lacquered or steel bronzed star light bodies with taps 6 8 10 12 light 16/9 19/3 21/9 23/9 each.			
C 1043.—Steel bronzed stuffing box pendant with swing top 30in., 36in., 42in. long by ⅝in. dia.	0	4	9
C 1044.—Ditto, ditto, 42 in. long by ¾ in. dia. ..	0	7	3

	£	s.	d.
C 1045.—Steel bronzed harp light, stiff top 36 in. long, ⅝ in. by ⅜ in. tubes	0	6	3
Ditto, 42 in. long, ¾ in. by ½ in. tubes ...	0	11	3
C 1046.—Steel bronzed tee pendant stiff top—			
42in. long by 36in. burner to burner, ¾in. by ⅝in. tubes	0	11	6
48in. ,, ,, 36in. ,, ,, 1in. ,, ¾in. ,,	0	14	6
48in. ,, ,, 36in. ,, ,, 1¼in. ,, 1in. ,,	1	0	3
C 1047.—Ditto, reeded tube ditto—			
48in. long by 36in. burner to burner, 1in. by ¾in. ,,	1	4	0
48in. ,, ,, 36in. ,, ,, 1¼in. ,, 1in ,,	1	14	9
C 1046 or C 1047 fitted with cup and ball joint, from 2/- to 3/6 each extra.			
T 1049.—Shade light 4 ft. long, cup and ball joint, with top smoke shade and china reflector—			
Sizes ... 14 16 18 20 22 25 in. dia.			
No. of burners ... 2 3 4 4 6 8			
Price ... 31/6 36/3 41/9 47/9 65/3 80/-			
If without top smoke shade, 2/6 to 3/6 less.			

Further details and designs will be sent on receipt of requirements.

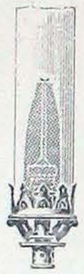
INCANDESCENT GAS BURNERS, SHADES, &c.

WELSBACH BURNERS.



T 3380.

35 Candle Power or Gem size .. } 2/6 each.
Ditto, with Bye Pass 4/- ,,



T 3381.

60 Candle Power ... 3/6 each.



T 3383.

60 Candle Power, with Bye Pass ... 5/- each.

Mantles for above .. ... 7½d. each.

SUNLIGHT BURNERS.



C 3432.

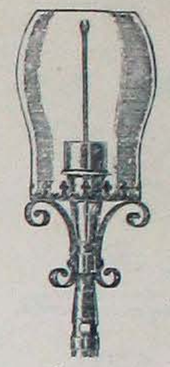
60 Candle Power... 2/3 each.



C 3433.

60 Candle Power, with Bye Pass ... 3/6 each.

White Mantles, from ... 6d. each.



C 3434.
Simplex Chimneyless Burner, with Glass Bulb complete,
70 Candle power ... 5/- each.
100 ,, ,, ... 6/3 ,,
If with Bye Pass, 1/3 extra.
White Mantles for above, 9d. each.

CHIMNEYS FOR ABOVE.

C 3386.
Straight White glass, 8in., 4d. each.
,, ,, ,, 9in., 4d. ,,
,, Pink or Aurora, 9in. 9d. ,,
,, Ruby ... ... 1/6 ,,

T 3387.
Fire Proof Jena White Glass, 8in. ... ... } 6d. each.

C 3388.
Mica, 6 in. ... ... 9d. each.
,, 8 in. ... ... 10d. ,,
,, 9 in. ... ... 1/- ,,

C 3389.
White Glass, Gem size, 4d. each.

C 3390.
Mica, Gem size ... ... 9d. each.

SHADES FOR GEM BURNERS.



C 3405.
Iced White, 1/2 each.
Salmon Tinted, 1/4 each.



C 3406.
Etched White, 1/6 each.



C 3393.
Bottle Lighter, 1/- each.

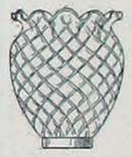


C 3394.
Opal Cosmos Shade, Holder and Cup, 2/3.
Pink ditto, Twisted Cup, 5/6



C 3395.
Mica Top, 3d. each.

SHADES FOR GEM BURNERS.



C 3396.
Pale Rose, obscured, 2/2 each.

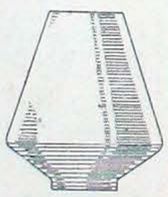


C 3397.
Ruby Tinted, 2/6 each.

SHADES FOR 60 CANDLE POWER BURNERS.



C 3398.
Iced White, 1/3 each.
Pink, 1/6 each.



C 3399.
Opal Top and Clear Bottom, 1/- each.



C 3407.
White, 2/2 each.
Salmon Tinted, 2/9 each.



C 3431.
White, 2/6 each.
Salmon Tinted, 2/10 each.



C 3402.
Etched White, 3/- each.
Brown Tinted, 3/6 each.



C 3403.
Etched White, 2/6 each.
Ruby Tinted, 3/- each.



C 3404.
Etched White, 3/9 each.

Further designs will be sent on receipt of requirements.



C 3408.—New Patent Burners for Ordinary Fire Grates, curved or straight pattern as drawn.

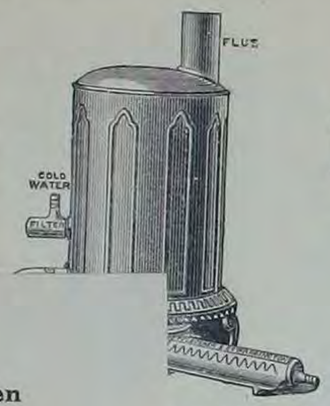
Extreme length over all,
8 in , 10 in., 12 in., 14 in., 16 in.

Price New Patent Non-Lighting Back Burner,
8/9 9/9 10/3 10/9 12/-

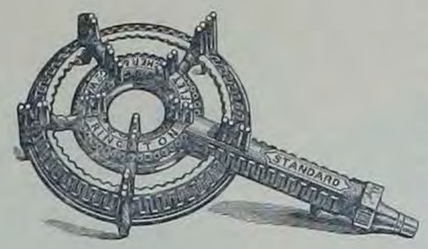
C 3409.—Old Pattern—
3/9 4/4 5/- 5/6 6/-
Clear bore gas supply required



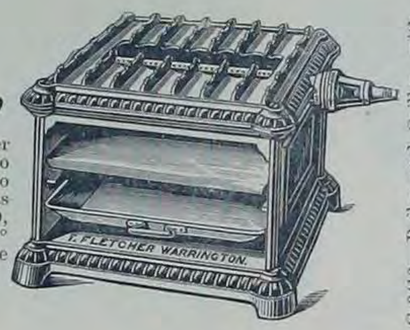
Cross Tube Boiler, 58/- & 129/-. 11 size will heat up to 40 ft., 16, and the large size up to 100 ft., 4 inch pipe.



ous Water Heater
ize, price 48/6, to
inute, from 60° to
in. Clear Bore Gas
e size, price 78/9,
minute, from 60°
in. Clear Bore
y Pipe.



C 3412.—Boiling Burners. Diameter across support for vessels, 5½ in., 2/- ; 7 in., 2/9 ; 8 in., 4/- ; 10 in., 11/6.



C 3416.—Boiler and Griller, with Patent Reversible Burner, will boil and grill simultaneously.
11½ in. × 10 in. × 9 in. high .. 11/6
12½ " × 12½ " × 9 " " .. 14/6
If with doors, 1/2 extra.



C 3413.—Twin Burner, 14 ins. long, 8/3, and 18 ins. long, 10/3. Will boil either one or two pans at once.



C 3414.—Hot Plate, 2 Double Concentric Burners & 4 Taps 27/-. Size 22 in. wide, 13 in. back to front, 3½ in. high.



C 3415.—Hot Plate, 3 Burners, 2 Double, and 1 Triple Concentric, 44/3. Size 33 in. wide, 13 in. back to front.

PAGE 173

Since printing this list prices of C3409 Burner have been advanced; being now:—

	s.	d.		s.	d.
8-in	5	6	14-in	8	0
10-in	6	3	16-in	8	9
12-in	7	3			





C 3418.—12/6. For rooms 11 ft. square. Ditto, larger, for rooms 14 ft. square, 14/-. This pattern is sent out with ball fire as C 3419.



C 3419.—22/9. Trivet, 2/3 extra. Fender, 7/9 extra. For rooms 14 feet square.



C 3420.—With Trivet and Fender complete, 35/6.
For rooms 14 feet square.



C 3421.—26/-. Minton's Tiles in Canopy. 1/8 extra. Trivet Shelf, 2/3 extra.
For rooms 14 feet square



C 3422.—37/9. Tile in Canopy as Engraved, 3/9 extra.
Trivet Shelf, 2/3 extra.
For rooms 16 ft. square.



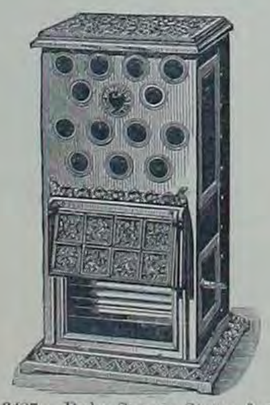
C 3423.—New "Register" Fire. For rooms up to 20 feet square. Price, 43/-. Smaller size, for rooms up to 16 ft. square, 29/9. Trivet Shelf 2/3 extra.



C 3424.—New Tubular Stove. Price with Governor, 34/6; without Governor, 32/3. For rooms up to 12 ft. square.
C 3425.—Larger pattern, double tubes. Price, with Governor, 45/3; without Governor, 43/-. For rooms up to 12 ft. square.



C 3426.—Tubular Stove, 27/-. For rooms up to 18 ft. square.



C 3427.—Ruby Square Stove, for offices, shops, &c. For rooms up to about 20 ft. square.
Price, in iron, 62/-;
in copper, 124/6.



C 3428.—New Radiant Stove, with or without Flue. Price 56/-. Boiling Burner on top, 8/3 extra, without taps. Tile panels at sides from 11/- extra. Fender, 8/3 extra.
For rooms up to 20 ft. square.



C 3429.—New "Register" Gas Fire. Price 34/6.
For rooms up to 20 ft. square.



C 3430.—New "Register" Fire. For rooms up to 20 ft. square, 71/-. Small size, for rooms up to 16 ft. square, 56/-.
Trivet Shelf, 2/3 extra.

Further details and designs will be sent on receipt of requirements.

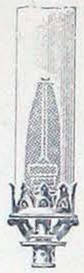
INCANDESCENT GAS BURNERS, SHADES, &c.

WELSBACH BURNERS.



T 3380.

35 Candle Power or Gem size .. } 2/6 each.
Ditto, with Bye Pass 4/- ,,



T 3381.

60 Candle Power ... 3/6 each.



T 3383.

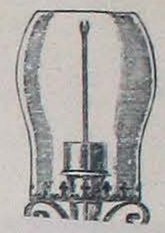
60 Candle Power, with Bye Pass ... 5/- each.

Mantles for above .. ... 7½d. each.

SUNLIGHT BURNERS.







60 Can

CHIMNEYS FOR ABOVE.

C 3386.
Straight White glass, 8 in., 4d. each.
,, ,, ,, 9 in., 4d. ,,
,, Pink or Aurora, 9 in. 9d. ,,
,, Ruby .. ... 1/6 ,,

T 3387.
Fire Proof Jena White Glass, 8 in. ... ... } 6d. each.

C 3388.
Mica, 6 in. ... ... 9d. each.
,, 8 in. ... ... 10d. ,,
,, 9 in. ... ... 1/- ,,

C 3389.
White Glass, Gem size, 4d. each.

C 3390.
Mica, Gem size ... ... 9d. each.

SHADES FOR GEM BURNERS.



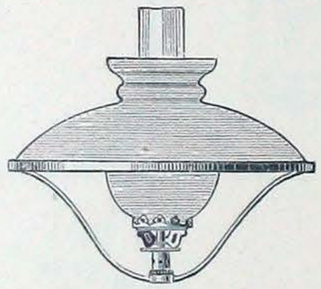
C 3405.
Iced White, 1/2 each.
Salmon Tinted, 1/4 each.



C 3406.
Etched White, 1/6 each.



C 3393.
Bottle Lighter, 1/- each.



C 3394.
Opal Cosmos Shade, Holder and Cup, 2/3.
Pink ditto, Twisted Cup, 5/6



C 3395.
Mica Top, 3d. each.

SHADES FOR GEM BURNERS.

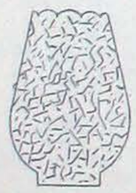


C 3396.
Pale Rose, obscured, 2/2 each.

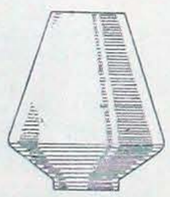


C 3397.
Ruby Tinted, 2/6 each.

SHADES FOR 60 CANDLE POWER BURNERS.



C 3398.
Iced White, 1/3 each.
Pink, 1/6 each.



C 3399.
Opal Top and Clear Bottom, 1/- each.



C 3407.
White, 2/2 each.
Salmon Tinted, 2/9 each.



C 3431.
White, 2/6 each.
Salmon Tinted, 2/10 each.



C 3402.
Etched White, 3/- each.
Brown Tinted, 3/6 each.

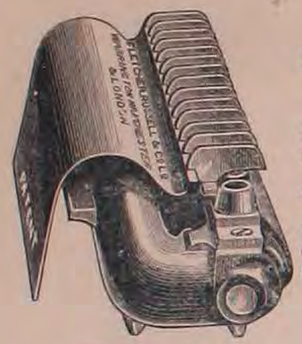


C 3403.
Etched White, 2/6 each.
Ruby Tinted, 3/- each.



C 3404.
Etched White, 3/9 each.

Further designs will be sent on receipt of requirements.



C 3408.—New Patent Burners for Ordinary Fire Grates, curved or straight pattern as drawn.

Extreme length over all, 8 in , 10 in., 12 in., 14 in., 16 in.

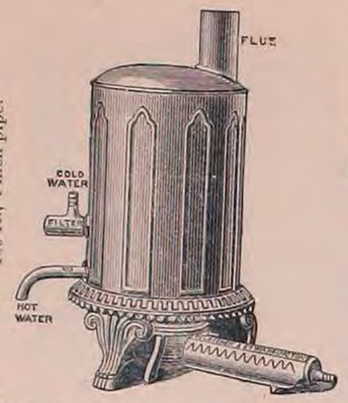
Price New Patent Non-Lighting Back Burner,
8/9 9/9 10.3 10.9 12/-

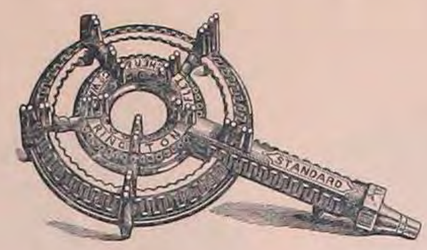
C 3409.—Old Pattern—
3/9 4/4 5/- 5/6 6/-

Clear bore gas supply required—
½ in. and ⅝ in.



C 3410.—Cross Tube Boiler, 58/- & 129/-. The small size will heat up to 40 ft., 4 inch pipe, and the large size up to 100 ft., 4 inch pipe.

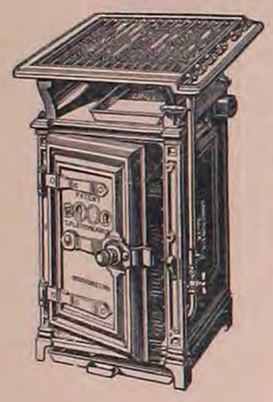




C 3412.—Boiling Burners. Diameter across support for vessels, 5¾ in., 2/-; 7 in., 2/9; 8 in., 4/-; 10 in., 11/6.



C 3413.—Twin Burner, 14 ins. long, 8/3, and 18 ins. long, 10/3. Will boil either one or two pans at once.



C 3417.—Cooking Range.

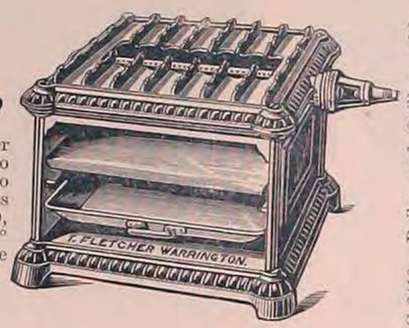
Over All. Inches.	Inside Oven. Inches.	Plain. £ s. d.	Enamelled. £ s. d.
14 ×14×21 ...	11 ×10 ×18 ...	2 0 6	—
16 ×15×20 ...	11 ×19 ×23 ...	2 13 9	—
16 ×15×30 ...	11 ×10 ×23 ...	3 6 9	—
18½×16×31 ...	11 ×12 ×24 ...	4 6 0	—
18½×16×31 ...	11 ×12 ×24 ...	3 4 6	5 3 3
18½×16×31 ...	11 ×12 ×24 ...	4 1 0	—
20 ×19×35 ...	12 ×12 ×27 ...	5 5 6	—
23 ×22×37 ...	13½×13½×29 ...	6 9 0	6 2 6
25 ×25×37 ...	15 ×15½×29 ...	7 10 6	7 7 3
30½×25×37 ...	18 ×18 ×29 ...	9 2 9	8 12 0
30½×25×42 ...	20½×21 ×33½ ...	14 10 3	10 8 6
			16 4 9







C 3411.—Instantaneous Water Heater for Baths. Small size, price 48/6, to heat 1 gallon per minute, from 60° to 105°. Requires a ½ in. Clear Bore Gas Supply Pipe. Large size, price 78/9, to heat 2 gallons per minute, from 60° o 105°. Requires a ¾ in. Clear Bore Gas Supply Pipe.



C 3416.—Boiler and Griller, with Patent Reversible Burner, will boil and grill simultaneously.
11½ in. ×10 in. ×9 in. high ... 11/6
12½ ,, ×12½ ,, ×9 ,, ,, ... 14 6
If with doors, 1/2 extra.



C 3414.—Hot Plate, 2 Double Concentric Burners & 4 Taps 27/-. Size 22 in. wide, 13 in. back to front, 3¾ in. high,



C 3415.—Hot Plate, 3 Burners, 2 Double, and 1 Triple Concentric, 44/3. Size 33 in. wide, 13 in. back to front.



C 3418.—12/6. For rooms 11 ft. square. D tto, larger, for rooms 14 ft. square, 14/-. This pattern is sent out with ball fire as C 3419.



C 3419.—22/9. Trivet, 2 3 extra. Fender, 7/9 extra. For rooms 14 feet square.



C 3420.—With Trivet and Fender complete, 35/6. For rooms 14 feet square.

C 3421.—26/-. Minton's Tiles in Canopy. 1/8 extra. Trivet Shelf, 2/3 extra.
For rooms 14 feet square

C 3422.—37/9. Tile in Canopy as Engraved, 3/9 extra.
Trivet Shelf, 2/3 extra.
For rooms 16 ft. square.

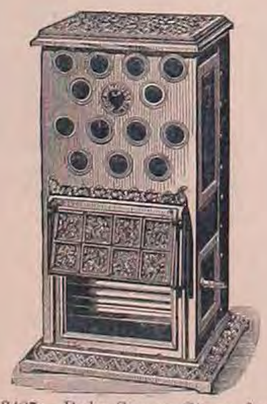
C 3423.—New "Register" Fire. For rooms up to 20 feet square. Price, 43/-. Smaller size, for rooms up to 16 ft. square, 29/9. Trivet Shelf 2/3 extra.



C 3424.—New Tubular Stove. Price with Governor, 34/6; without Governor, 32/3. For rooms up to 12 ft. square.
C 3425.—Larger pattern, double tubes. Price, with Governor, 45/3; without Governor, 43/-. For rooms up to 12 ft. square.



C 3426.—Tubular Stove, 27/-. For rooms up to 18 ft. square.



C 3427.—Ruby Square Stove, for offices, shops, &c. For rooms up to about 20 ft. square.
Price, in iron, 62/-;
in copper, 124/6.



C 3428.—New Radiant Stove, with or without Flue Price 56/-. Boiling Burner on top, 8/3 extra, without taps. Tile panels at sides from 11/- extra. Fender, 8/3 extra.
For rooms up to 20 ft. square.



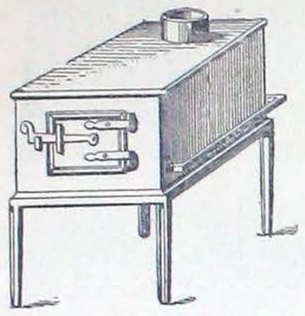
C 3429.—New "Register" Gas Fire.
Price 34/6.
For rooms up to 20 ft. square.



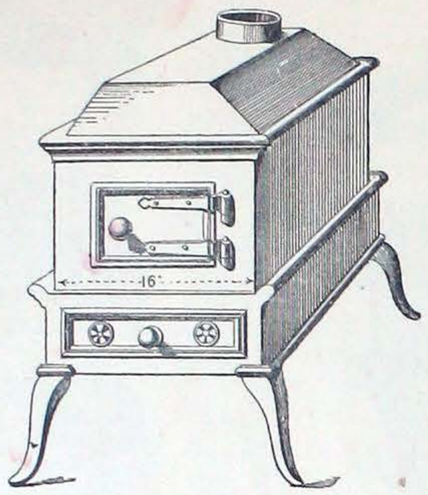
C 3430.—New "Register" Fire.
For rooms up to 20 ft. square, 71/-.
Small size, for rooms up to 16 ft. square, 56/-.
Trivet Shelf, 2/3 extra.

Further details and designs will be sent on receipt of requirements.

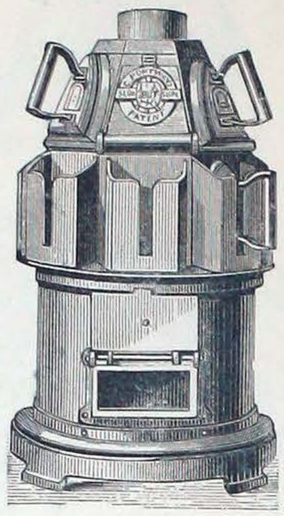
C 341.—Laundry Stove.
Size No. 1 2 3
Size of body—
10×8 11½×9 13½×10 in.
With legs—
12/- 16/- 19/6 each
Without do.—
10/9 14/9 18/3 ,,



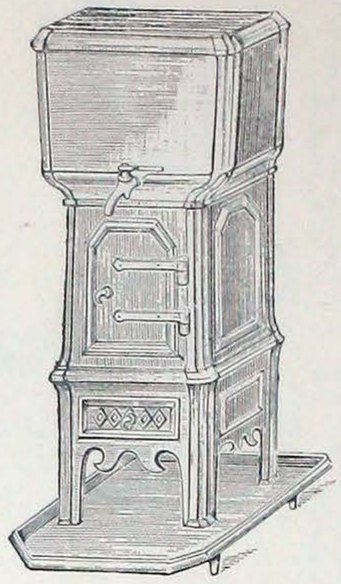
Size No. 4 5
Size of body 15×11½ 17×12½ in.
With legs 22/9 31/9 each.
Without do. 21/6 30/6 ,,
Outlets at back or top.



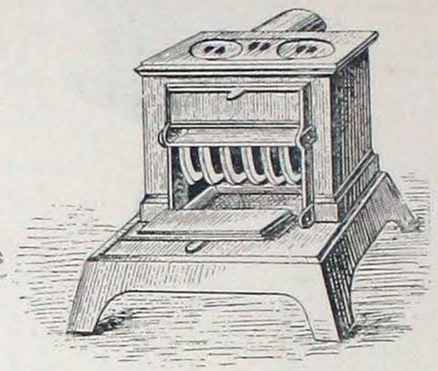
C 342.—Laundry Stove, with inside protecting plates.
Size No. 2 3 4
Size of body { 12×15 14×17 16×22 in.
46/- 57/6 86/- each.



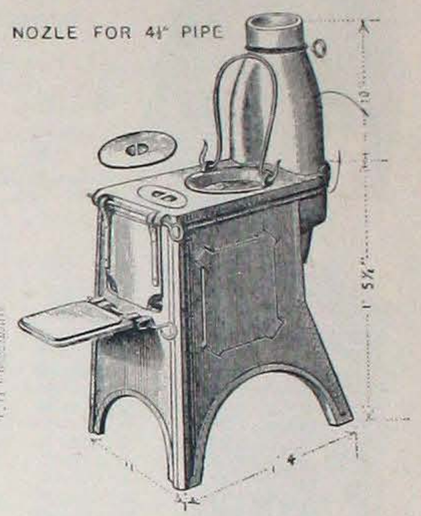
C 343.—Tortoise Laundry Stove.
Size No. 1 2 3 4 5
Height 21 28 29 31 40 inch.
Takes 5 10 14 22 28 irons.
19/3 33/- 46/3 55/- 66/- each
Ashes pan sent with Nos. 1, 2 and 3 only.



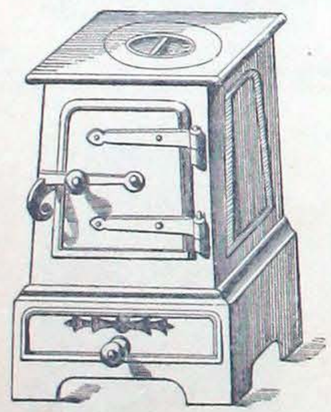
C 344.—Harness Room Stove, with boiler and brass tap, inside protecting plates.
Sizes—39 in. high × 12½ in. square in body of stove.
64/6 each.



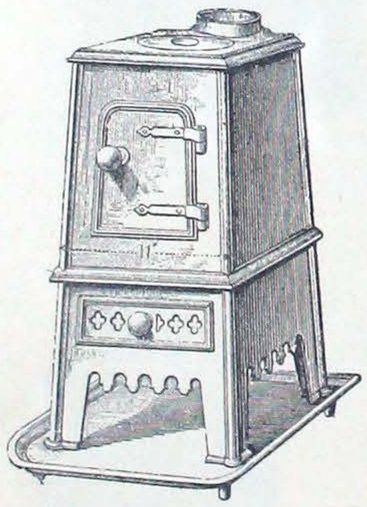
C 345.—Joiner's Stove.
Sizes—18 in. high, base 18 in. wide × 20½ in. deep.
46/- each.



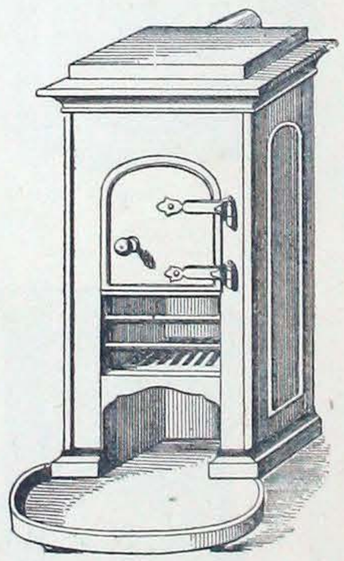
C 346.—Plumber's Stove, with valve, plumber's pot, and S hook.
33/6 each.



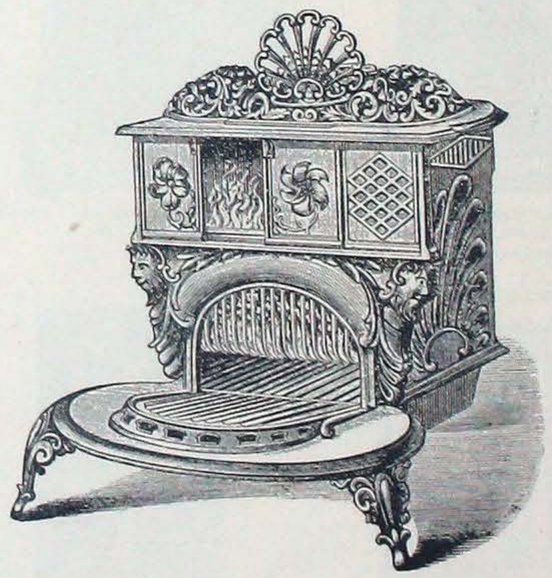
C 347.—Strong Shop Stove.
Size No. 1 2 2½ 3
18 19½ 23½ 28 in. high.
Base 11½ 12 14 17 in. square.
22/6 25/- 34/9 46/9 each.
With vertical or horizontal outlet.



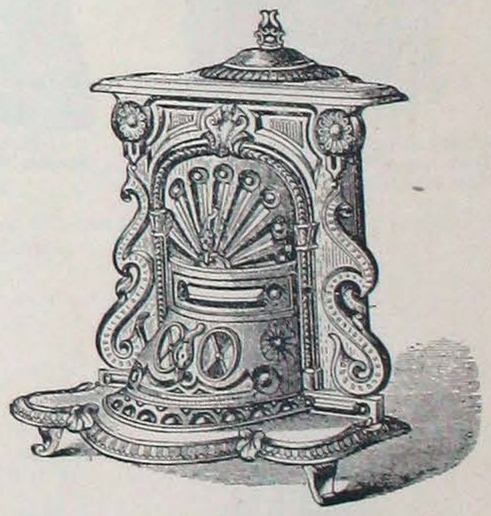
C 348.—Light Dumpy Stove.
Size No. 1 2 3 4 5
17½ 19½ 21½ 23½ 25½ in. high.
Bodies 6½ 8 9 10 11 in. square
8/6 10/9 16/6 20/- 23/6 each.
Outlets at back or top.
Fire brick lining to sizes 3, 4 and 5.



C 349.—Strong Shop Stove, with fire brick lining.
Size No. 1 2 3
30 32 32 in. high.
Bodies 10 12 14 in. square.
50/9 57/- 64/- each.
Outlet at back.



C 350.—American Pattern Stove.
Size No. 6 7
24 26 in. high.
20 22 in. wide.
15/- 21/- each.
Outlet at top.



C 351.—American Pattern Stove.
Size No. 1 2 3
30 32 34 in. high.
24 27 30 in. wide.
22/6 30/6 35/- each.
Outlet at back.

Further details will be sent on receipt of requirements.

SLOW COMBUSTION HEATING STOVES.

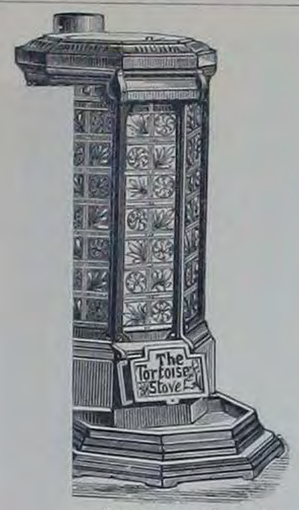




PAGE 175.

Since printing this list the prices of the following Stoves, Trays and Coke Breakers have been revised; being now:—

	C358	C357		C359 (*contd.*)	Stove	Tray
No. 1	£2 5 0	4/-		No. 3	15 15 0	17 15 0
No. 2	3 10 0	6/-		No. 4	21 0 0	23 10 0

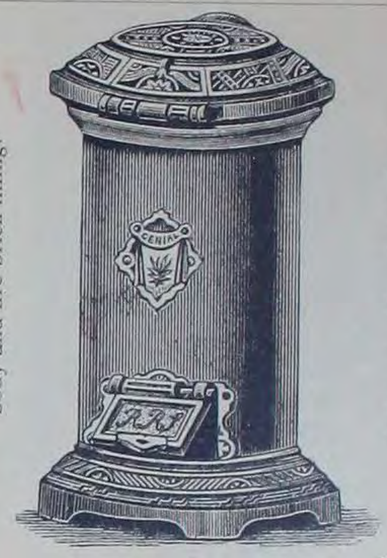


g Stove, with coloured tile casing.

ting city.	Size of Nozzle.	Price, including Ashes Pan.	Extra for Tray.
00 cubic feet.	3¼ in.	£2 9 6	4/6
00 ,,	3⅜ in.	3 17 0	6/9
00 ,,	4¼ in.	5 10 0	8/3
00 ,,	4⅜ in.	7 3 0	11/-
00 ,,	5¼ in.	8 16 0	14/6

t either top or back.

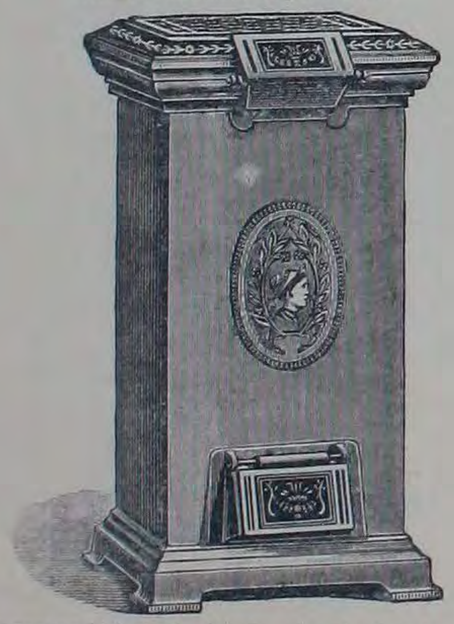
C 3435.—Fine cast and blacked, with sheet iron body and fire-brick lining.



Outlets at either top or back.

No.	Size.	Heating Capacity.	Price, including Ashes Pan.	Extra for Tray
0	21 × 9 in. diam.	2,000 cubic feet.	£0 15 0	2/6
1	23 × 10 in. ,,	4,000 ,,	0 18 0	3/-
2	26 × 10 in ,,	6,000 ,,	0 19 6	3/-
3	28 × 10 in. ,,	6,500 ,,	1 1 0	3/-
4	30 × 12 in. ,,	10,400 ,,	1 5 0	3/6
5	34 × 14 in. ,,	15,000 ,,	1 18 6	5/6
6	36 × 16 in. ,,	23,000 ,,	2 7 0	6/6
8	50 × 24 in. ,,	120,000 ,,	8¼ in.	13 5 0	—

Outlets at either top or back.

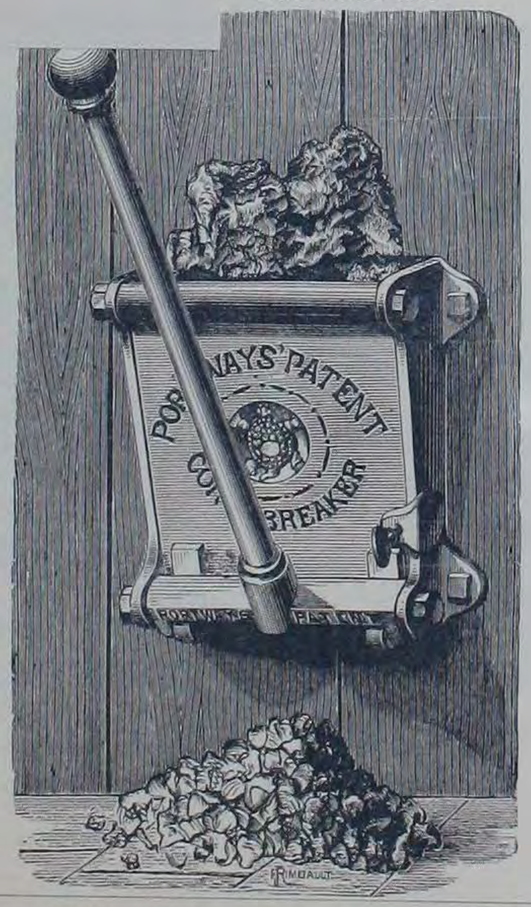


C3436.—Fine cast and blacked, with sheet iron body & fire-brick lining.

Heating Capacity.	Extreme Dimensions. Front.	Side.	Height.	
7,000 cubic feet.	1 ft. 3 in.	1 ft. 1 in.	2 ft. 5 in.	£2 0 3
10,000 ,,	1 ft. 5 in.	1 ft. 3 in.	2 ft. 7 in.	2 3 9
13,000 ,,	1 ft. 7 in.	1 ft. 5 in.	2 ft. 9 in.	2 7 0

Outlets at either top or back.

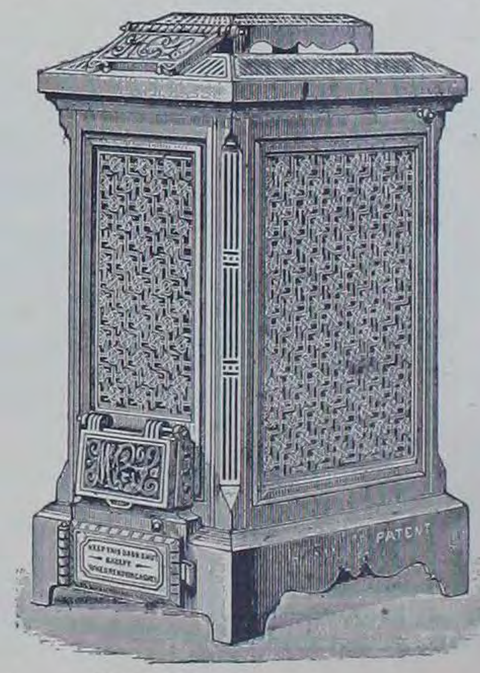
BREAKER.



Dimensions.—Length, 14 in.; Width, 11 in. Handle 24 in. long.
Capacity.—One cwt. of Coke broken small in 20 minutes by a lad 14 years o

C 3437.
Price 19/3 each.
On iron stand, 27/6 each, complete.

T 360.—Patent Ulster Heating Stove.

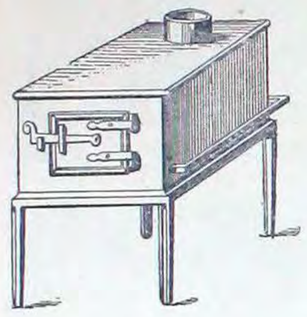


Outlet at back.

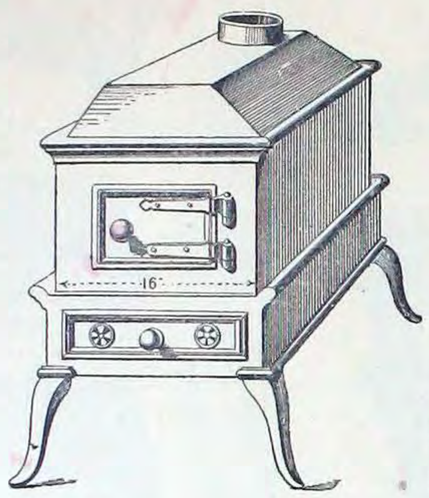
No.	Heating Capacity. cubic feet.	Extreme Dimensions. Front. ft. in.	Side. ft. in.	Height. ft. in.	Plain Finish	Best Black Finish.
O	8,000	1 4½	1 4½	3 1½	£5 15 6	£6 16 6
1	12,000	1 5	1 11	3 1½	8 3 0	9 3 9
1A	18,000	1 7	2 1	3 2¾	9 9 0	10 10 0
2	27,000	1 9½	2 3½	3 4	13 2 6	14 14 0
3	38,000	2 1	2 7¼	3 5¼	15 15 0	17 6 6
4	45,000	2 6½	2 6½	4 2	21 0 0	23 2 6

Further details will be sent on receipt of requirements.

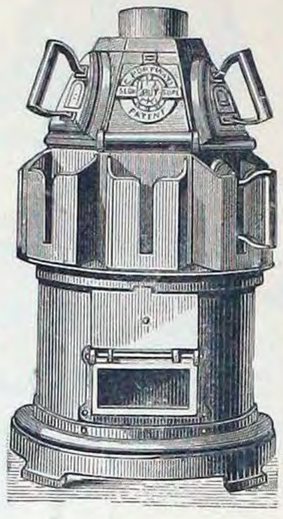
C 341.—Laundry Stove.
Size No. 1 2 3
Size of body—
10×8 11½×9 13½×10 in.
With legs—
12/- 16/- 19/6 each
Without do.—
10/9 14/9 18/3 ,,



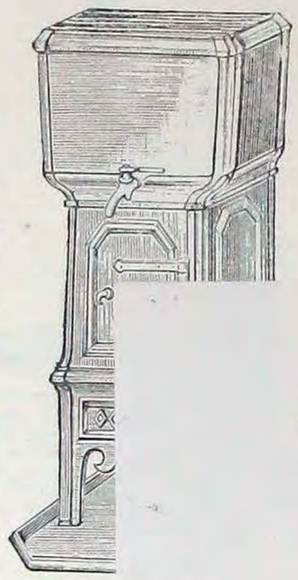
Size No. 4 5
Size of body 15×11½ 17×12½ in.
With legs 22/9 31/9 each.
Without do. 21/6 30/6 ,,
Outlets at back or top.



C 342.—Laundry Stove, with inside protecting plates.
Size No. 2 3 4
Size of body { 12×15 14×17 16×22 in.
46/- 57/6 86/- each.



C 343.—Tortoise Laundry Stove.
Size No. 1 2 3 4 5
Height 21 28 29 31 40 inch.
Takes 5 10 14 22 28 irons.
19/3 33/- 46/3 55/- 66/- each
Ashes pan sent with Nos. 1, 2 and 3 only.



C 344.—Harness Room Stove, with boiler and brass tap, inside protecting plates.
Sizes—39 in. high×12½ in. square in body of stove.
64/6 each.





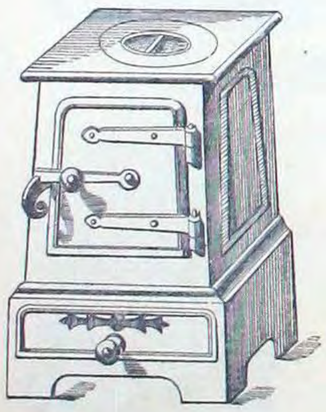
C 345.—Joiner's Stove.
Sizes—18 in. high, base 18 in. wide×20½ in. deep.
46/- each.

C 346.—Plumber's Stove, with valve, plumber's pot, and S hook.
33/6 each.

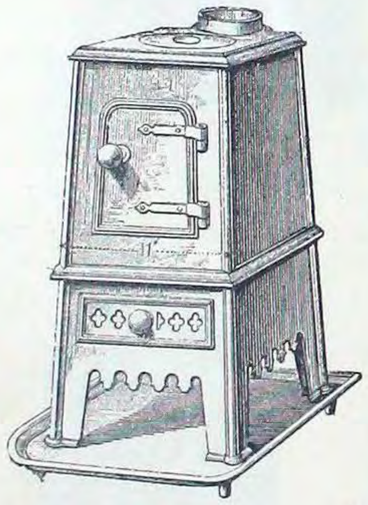
PAGE 174.

Since printing this list prices of C343 Laundry Stove have been reduced; being now:—

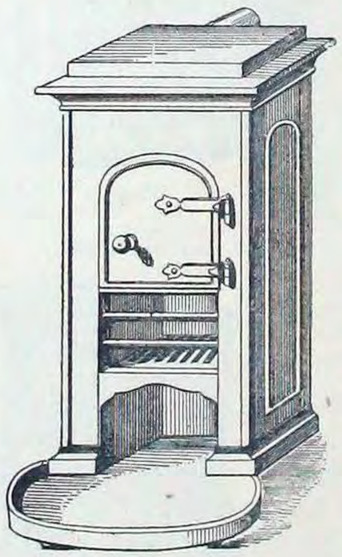
No. 1	£0 17 6	No. 4	£2 10 0
No. 2	1 10 0	No. 5	3 0 0
No. 3	2 2 0		



C 347.—Strong Shop Stove.
Size No. 1 2 2½ 3
18 19½ 23½ 28 in. high.
Base 11½ 12 14 17 in. square.
22/6 25/- 34/9 46/9 each.
With vertical or horizontal outlet.



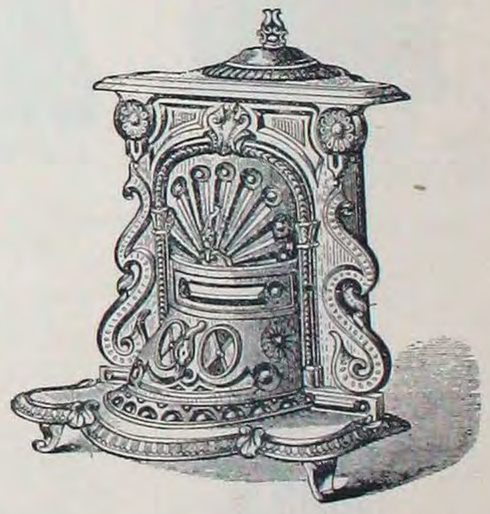
C 348.—Light Dumpy Stove.
Size No. 1 2 3 4 5
17½ 19½ 21½ 23½ 25½ in. high.
Bodies 6½ 8 9 10 11 in. square
8/6 10/9 16/6 20/- 23/6 each.
Outlets at back or top.
Fire brick lining to sizes 3, 4 and 5.



C 349.—Strong Shop Stove, with fire brick lining.
Size No. 1 2 3
30 32 32 in. high.
Bodies 10 12 14 in. square.
50/9 57/- 64/- each.
Outlet at back.



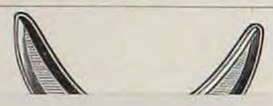
C 350.—American Pattern Stove.
Size No. 6 7
24 26 in. high.
20 22 in. wide.
15/- 21/- each.
Outlet at top.



C 351.—American Pattern Stove.
Size No. 1 2 3
30 32 34 in. high.
24 27 30 in. wide.
22/6 30/6 35/- each.
Outlet at back.

Further details will be sent on receipt of requirements.





PAGE 175.

Since printing this list the prices of the following Stoves, Trays and Coke Breakers have been revised; being now:—

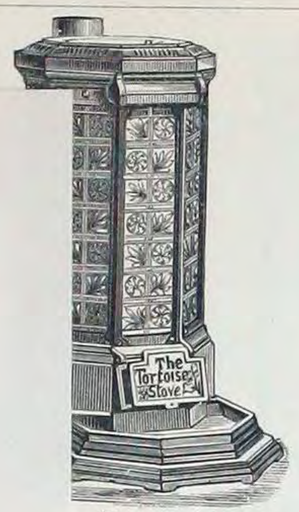
	C358	C357
No. 0	£0 12 0	1/6
No. 1	0 16 0	2/-
No. 2	1 4 0	3/-
No. 3	1 15 0	4/-
No. 4	2 10 0	5/-
No. 5	4 0 0	7/6
No. 6	5 5 0	10/6
No. 7	8 0 0	—
No. 8	12 0 0	—

C359	Stove	Tray
No. 1	£2 5 0	4/-
No. 2	3 10 0	6/-

C359 (*contd.*)	Stove	Tray
No. 3	5 0 0	7/6
No. 4	£6 10 0	10/-
No. 5	8 0 0	13/-

C3437, 17/6 each; on stand, 25/- each

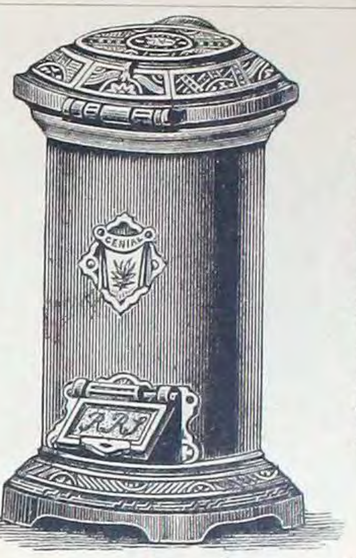
T360	Plain Finish	Best Black Finish
No. 0	£5 15 0	£6 17 6
No. 1	8 5 0	9 5 0
No. 1A	10 0 0	11 0 0
No. 2	13 5 0	14 15 0
No. 3	15 15 0	17 15 0
No. 4	21 0 0	23 10 0



ıg Stove, with coloured tile casing.

ting city.	Size of Nozzle.	Price, including Ashes Pan.	Extra for Tray.
00 cubic feet.	3¼ in.	£2 9 6	4/6
00 ,,	3¾ in.	3 17 0	6/9
00 ,,	4¼ in.	5 10 0	8/3
00 ,,	4¾ in.	7 3 0	11/-
00 ,,	5¼ in.	8 16 0	14/6

t either top or back.

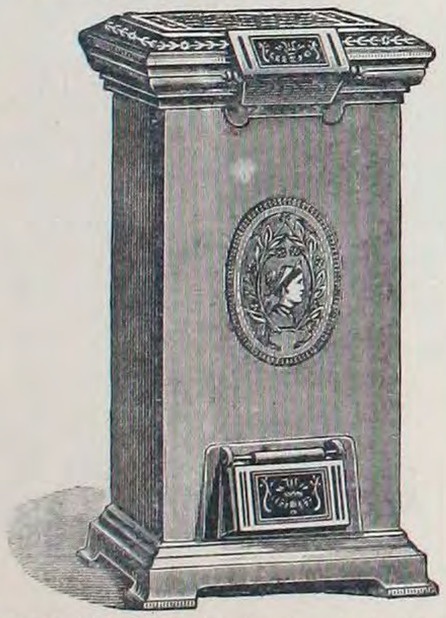


C 3435.—Fine cast and blacked, with sheet iron body and fire-brick lining.

Outlets at either top or back.

No.	Size.	Heating Capacity.	Price, including Ashes Pan.	Extra for Tray
0	21 × 9 in. diam.	2,000 cubic feet.	£0 15 0	2/6
1	23 × 10 in. ,,	4,000 ,,	0 18 0	3/-
2	26 × 10 in ,,	6,000 ,,	0 19 6	3/-
3	28 × 10 in. ,,	6,500 ,,	1 1 0	3/-
4	30 × 12 in. ,,	10,400 ,,	1 5 0	3/6
5	34 × 14 in. ,,	15,000 ,,	1 18 6	5/6
6	36 × 16 in. ,,	23,000 ,,	2 7 0	6/6
8	50 × 24 in. ,,	120,000 ,,	8¼ in. 13 5 0	—

Outlets at either top or back.

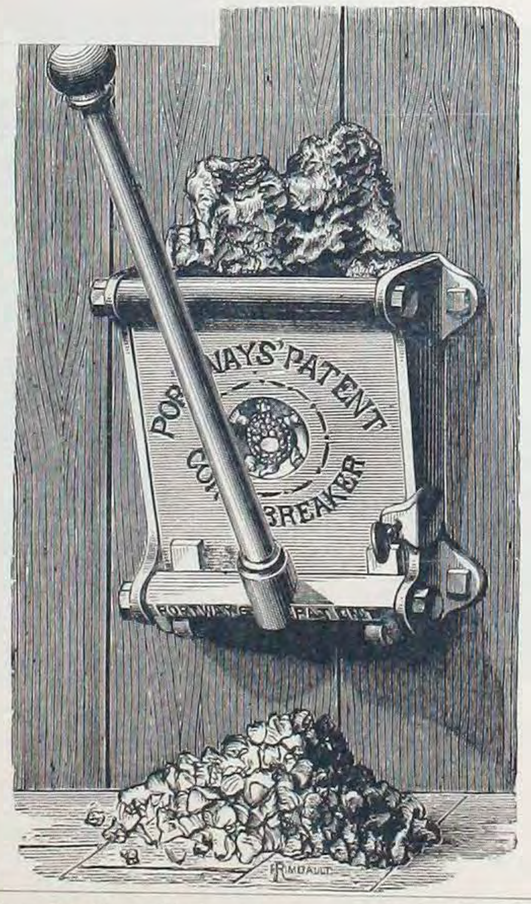


C3436.—Fine cast and blacked, with sheet iron body & fire-brick lining.

Heating Capacity.	Extreme Dimensions. Front.	Side.	Height.	
7,000 cubic feet.	1 ft. 3 in.	1 ft. 1 in.	2 ft. 5 in.	£2 0 3
10,000 ,,	1 ft. 5 in.	1 ft. 3 in.	2 ft. 7 in.	2 3 9
13,000 ,,	1 ft. 7 in.	1 ft. 5 in.	2 ft. 9 in.	2 7 0

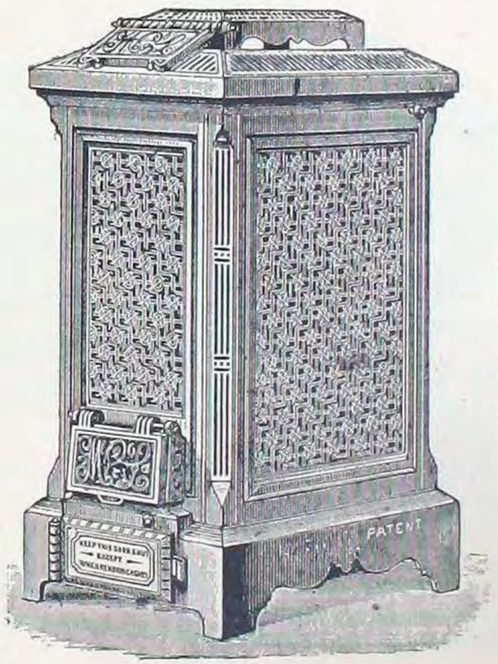
Outlets at either top or back.

BREAKER.



Dimensions.—Length, 14 in.; Width, 11 in. Handle 24 in. long.
Capacity.—One cwt. of Coke broken small in 20 minutes by a lad 14 years o

C 3437.
Price 19/3 each.
On iron stand, 27/6 each, complete.



T 360.—Patent Ulster Heating Stove.

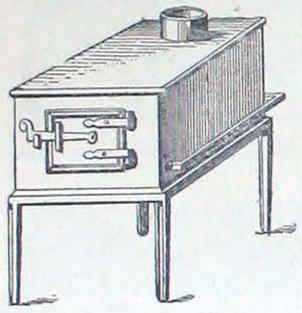
Outlet at back.

No.	Heating Capacity. cubic feet.	Extreme Dimensions. Front. ft. in.	Side. ft. in.	Height. ft. in.	Plain Finish	Best Black Finish.
O	8,000	1 4½	1 4½	3 1½	£5 15 6	£6 16 6
1	12,000	1 5	1 11	3 1½	8 3 0	9 3 9
1A	18,000	1 7	2 1	3 2¾	9 9 0	10 10 0
2	27,000	1 9½	2 3½	3 4	13 2 6	14 14 0
3	38,000	2 1	2 7¼	3 5¼	15 15 0	17 6 6
4	45,000	2 6½	2 6½	4 2	21 0 0	23 2 6

Further details will be sent on receipt of requirements.

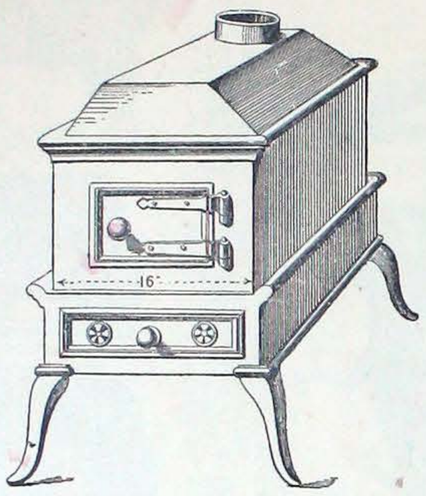
C 341.—Laundry Stove.

Size No.	1	2	3
Size of body—	10×8	11½×9	13½×10 in.
With legs—	12/-	16/-	19/6 each
Without do.—	10/9	14/9	18/3 ,,



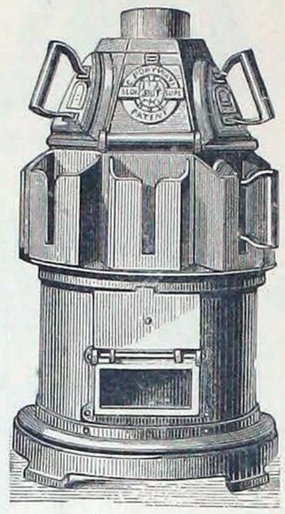
Size No.	4	5
Size of body	15×11½	17×12½ in.
With legs	22/9	31/9 each.
Without do.	21/6	30/6 ,,

Outlets at back or top.



C 342.—Laundry Stove, with inside protecting plates.

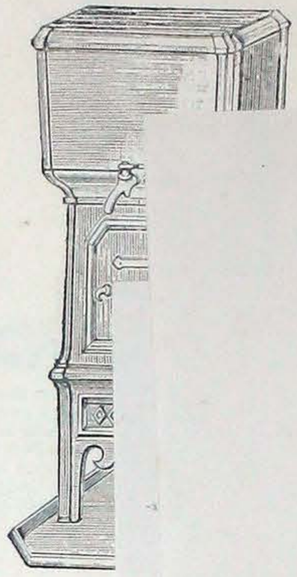
Size No.	2	3	4
Size of body	12×15	14×17	16×22 in.
	46/-	57/6	86/- each.



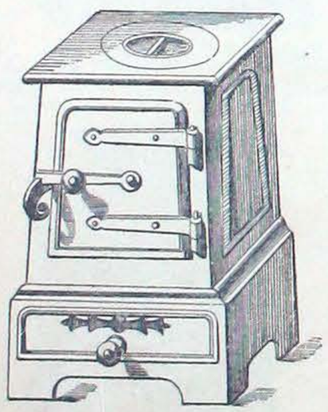
C 343.—Tortoise Laundry Stove.

Size No.	1	2	3	4	5	
Height	21	28	29	31	40	inch.
Takes	5	10	14	22	28	irons.
	19/3	33/-	46/3	55/-	66/-	each

Ashes pan sent with Nos. 1, 2 and 3 only.



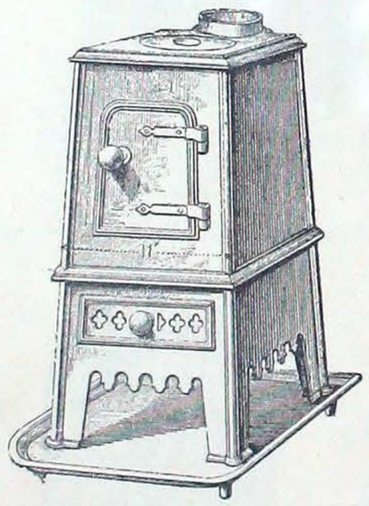
C 344.— I
Stove, with
tap, inside pi
Sizes—39 in
square in l
64/6



C 347.—Strong Shop Stove.

Size No.	1	2	2½	3	
	18	19½	23½	28	in. high.
Base	11½	12	14	17	in. square.
	22/6	25/-	34/9	46/9	each.

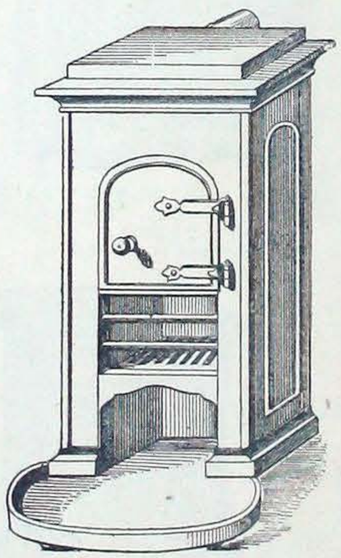
With vertical or horizontal outlet.



C 348.—Light Dumpy Stove.

Size No.	1	2	3	4	5	
	17½	19½	21½	23½	25½	in. high.
Bodies	6½	8	9	10	11	in. square
	8/6	10/9	16/6	20/-	23/6	each.

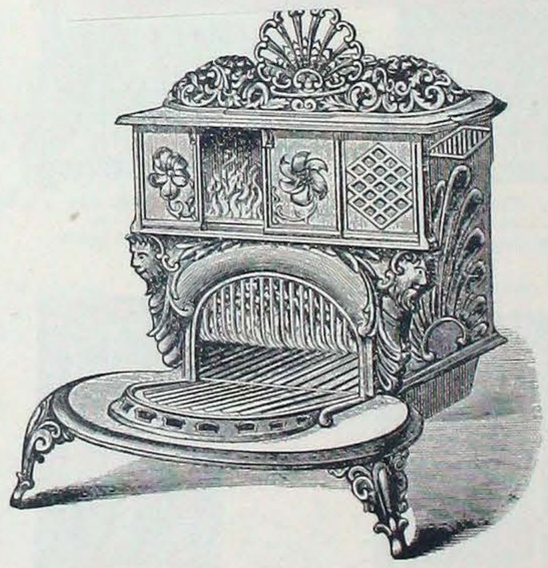
Outlets at back or top.
Fire brick lining to sizes 3, 4 and 5.



C 349.—Strong Shop Stove, with fire brick lining.

Size No.	1	2	3	
	30	32	32	in. high.
Bodies	10	12	14	in. square.
	50/9	57/-	64/-	each.

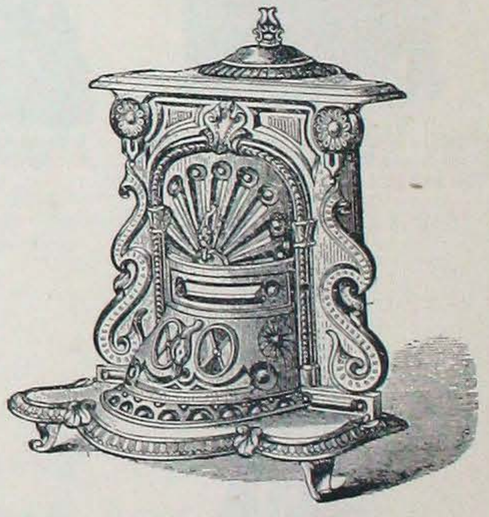
Outlet at back.



C 350.—American Pattern Stove.

Size No.	6	7	
	24	26	in. high.
	20	22	in. wide.
	15/-	21/-	each.

Outlet at top.



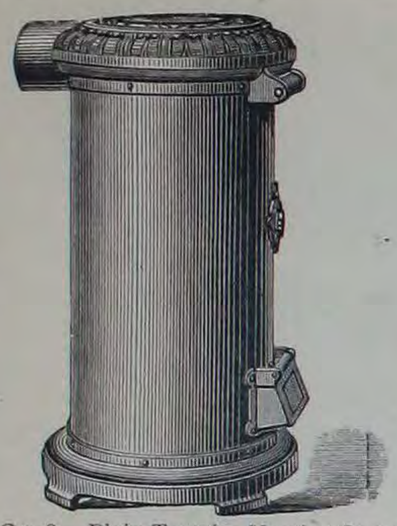
C 351.—American Pattern Stove.

Size No.	1	2	3	
	30	32	34	in. high.
	24	27	30	in. wide.
	22/6	30/6	35/-	each.

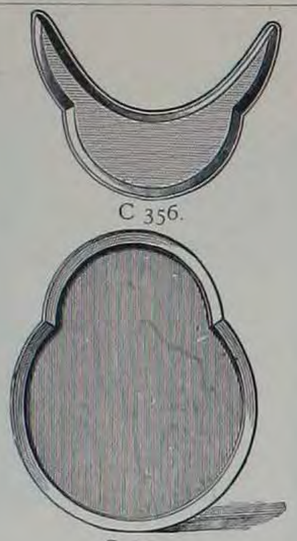
Outlet at back.

Further details will be sent on receipt of requirements.

SLOW COMBUSTION HEATING STOVES.



C 358.—Plain Tortoise Heating Stove.

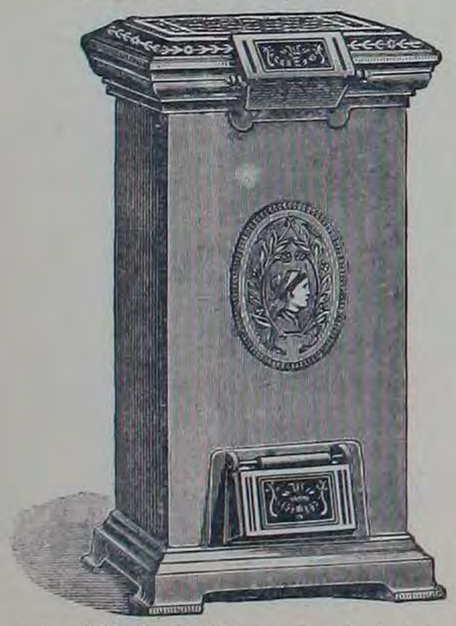


C 357.

C 356.

No.	Size.	Heating Capacity.	Size of Nozzle.	Price, including Ashes Pan, C 356.	Extra for Tray, C 357.
0	16 × 8 in. diam.	1,000 cubic feet	3¼ in.	£0 13 3	1/9
1	20 × 9 in. ,,	2,000 ,,	3¼ in.	0 17 9	2/3
2	25 × 10 in. ,,	6,000 ,,	3¾ in.	1 6 6	3/6
3	30 × 12 in. ,,	10,000 ,,	4¼ in.	1 18 6	4/6
4	32 × 14 in. ,,	15,000 ,,	4¾ in.	2 15 0	5/6
5	35 × 16 in. ,,	25,000 ,,	5¼ in.	4 8 0	8/3
6	40 × 18 in. ,,	40,000 ,,	6¼ in.	5 15 6	11/6
7	45 × 21 in. ,,	70,000 ,,	7¼ in.	8 16 0	—
8	50 × 24 in. ,,	120,000 ,,	8¼ in.	13 5 0	—

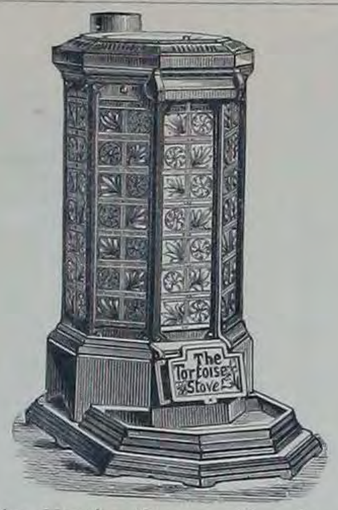
Outlets at either top or back.



C3436.—Fine cast and blacked, with sheet iron body & fire-brick lining.

Heating Capacity.	Extreme Dimensions. Front.	Side.	Height.	
7,000 cubic feet.	1 ft. 3 in.	1 ft. 1 in.	2 ft. 5 in.	£2 0 3
10,000 ,,	1 ft. 5 in.	1 ft. 3 in.	2 ft. 7 in.	2 3 9
13,000 ,,	1 ft. 7 in.	1 ft. 5 in.	2 ft. 9 in.	2 7 0

Outlets at either top or back.

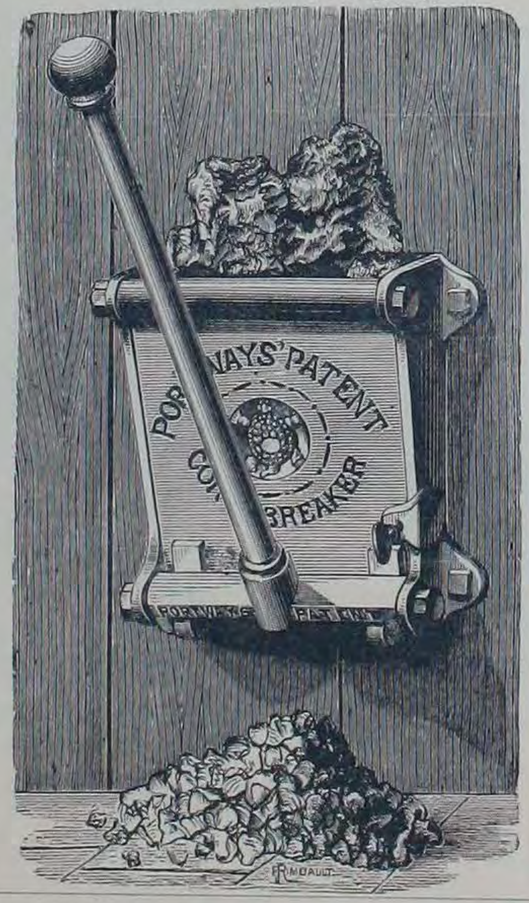


C 359.—Tortoise Heating Stove, with coloured tile casing.

No.	Size.	Heating Capacity.	Size of Nozzle.	Price, including Ashes Pan.	Extra for Tray.
1	21 × 10 in. diam.	2,000 cubic feet.	3¼ in.	£2 9 6	4/6
2	26 × 12 in. ,,	6,000 ,,	3¾ in.	3 17 0	6/9
3	30 × 14 in. ,,	10,000 ,,	4¼ in.	5 10 0	8/3
4	34 × 16 in. ,,	15,000 ,,	4¾ in.	7 3 0	11/-
5	37 × 21 in. ,,	25,000 ,,	5¼ in.	8 16 0	14/6

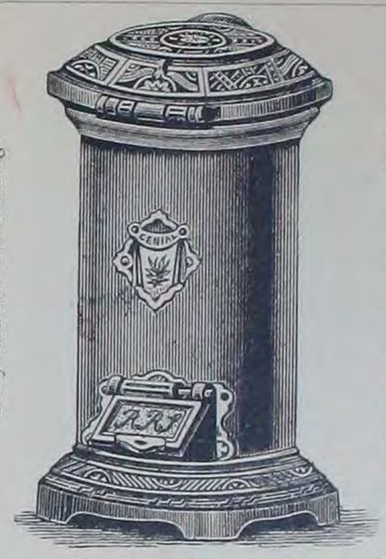
Outlets at either top or back.

COKE BREAKER.



Dimensions.—Length, 14 in.; Width, 11 in. Handle 24 in long.
Capacity.—One cwt. of Coke broken small in 20 minutes by a lad 14 years old.

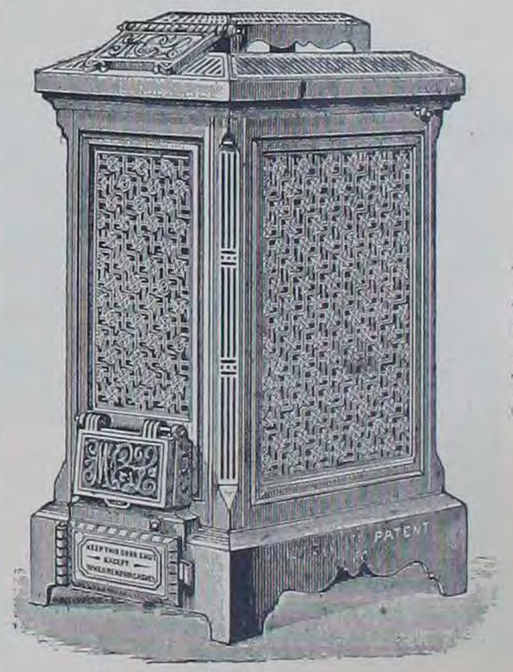
C 3437.
Price 19/3 each.
On iron stand, 27/6 each, complete.



C 3435.—Fine cast and blacked, with sheet iron body and fire-brick lining.

Outlets at either top or back.

No.	Size.	Heating Capacity.	Price, including Ashes Pan.	Extra for Tray
0	21 × 9 in. diam.	2,000 cubic feet.	£0 15 0	2/6
1	23 × 10 in. ,,	4,000 ,,	0 18 0	3/-
2	26 × 10 in ,,	6,000 ,,	0 19 6	3/-
3	28 × 10 in. ,,	6,500 ,,	1 1 0	3/-
4	30 × 12 in. ,,	10,400 ,,	1 5 0	3/6
5	34 × 14 in. ,,	15,000 ,,	1 18 6	5/6
6	36 × 16 in. ,,	23,000 ,,	2 7 0	6/6



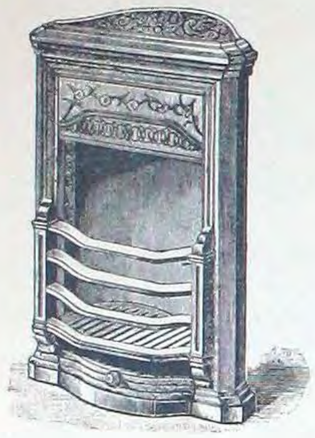
T 360.—Patent Ulster Heating Stove.

Outlet at back.

No.	Heating Capacity. cubic feet.	Extreme Dimensions. Front. ft. in.	Side. ft. in.	Height. ft. in.	Plain Finish	Best Black Finish.
O	8,000	1 4½	1 4½	3 1½	£5 15 6	£6 16 6
1	12,000	1 5	1 11	3 1½	8 3 0	9 3 9
1A	18,000	1 7	2 1	3 2¾	9 9 0	10 10 0
2	27,000	1 9½	2 3½	3 4	13 2 6	14 14 0
3	38,000	2 1	2 7¼	3 5¼	15 15 0	17 6 6
4	45,000	2 6½	2 6½	4 2	21 0 0	23 2 6

Further details will be sent on receipt of requirements.

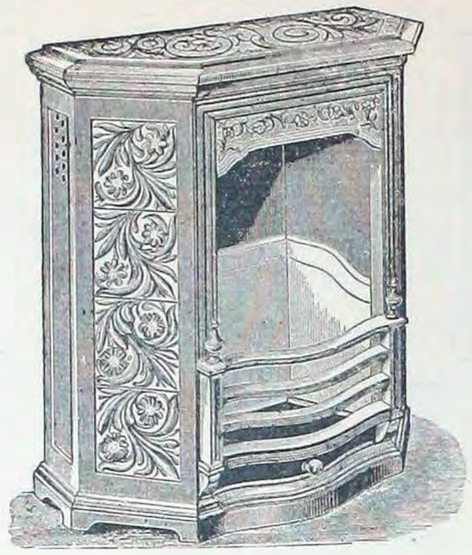
HEATING STOVES.



C 3440.—Slow Combustion Stove.

Size—26 in. high, 20 in wide,

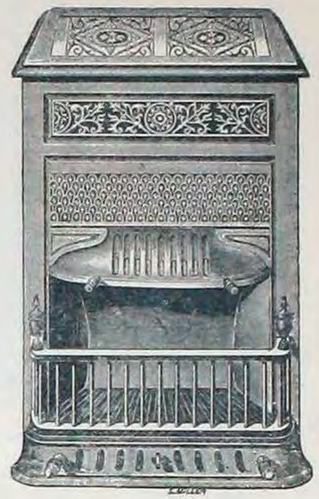
49/6 each.



C 362.—Slow Combustion Stove, with tile panels.

Size—32 in. high, 29 in. wide,

92/6 each.



C 3441.—Semi-Slow Combustion Stove.

Size—25 in. high, 18½ in. wide.

Fine cast and blacked	48/6 each.
Ground and Berlin blacked ..	68/6 ,,

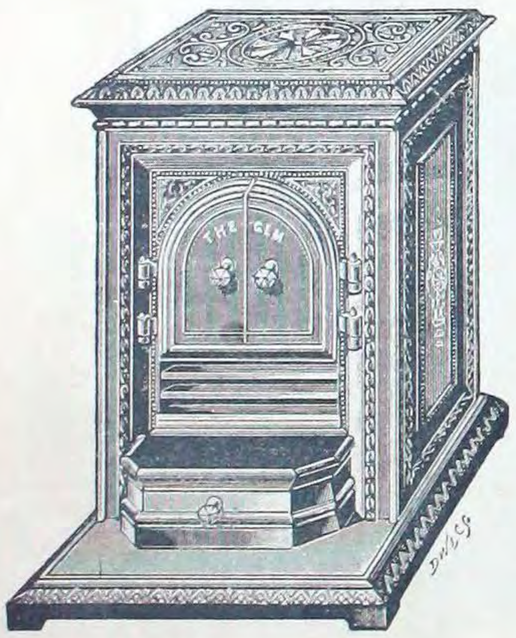


C 3442.—Semi-Slow Combustion Stove, with air chamber at back and sides.

Sizes—32 in. high, 18 in. wide, 14 in. fire.
,, 32 in. ,, 20 in. ,, 16 in. ,,

Fine cast and blacked, brass knobs ...	101/- each.
Ground and Berlin blacked ,, ...	119/3 ,,
,, ,, ,, ,, best finish	137/6 ,,

If Electro-Bronzed Canopy, 9/3 extra.



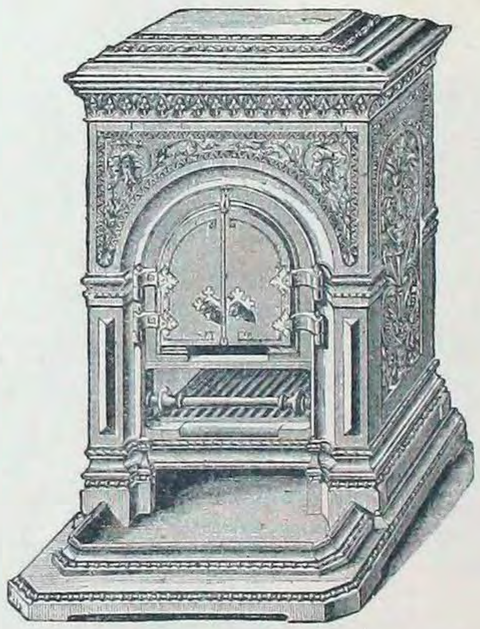
C 361.—Open Fire Stove, fine cast and blacked.

Size—No. 1, 25 in. high,	18½ in. wide,		30/3 each.
,, ,, 2, 30 in. ,,	22 in. ,,		39/6 ,,
,, ,, 3, 35 in. ,,	24 in. ,,		68/6 ,,



C 3443.—Open Fire Stove, fine cast and blacked.

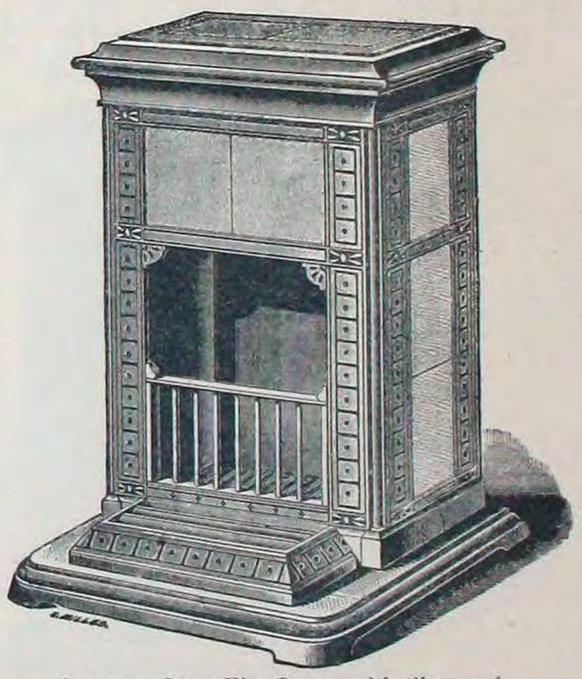
Size—No. 1, 28½ in. high,	11½ in. wide,		37/6 each
,, ,, 2, 30½ in. ,,	13¼ in. ,,		47/- ,,
,, ,, 3, 32½ in. ,,	15½ in. ,,		63/- ,,



C 363.—Open Fire Stove, fine cast and blacked.

Size—33½ in. high, 18½ in. wide,

83/6 each.

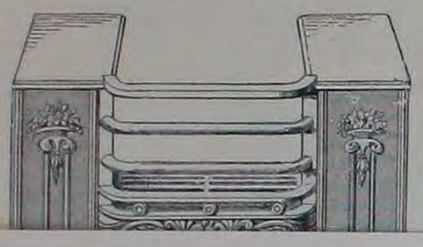


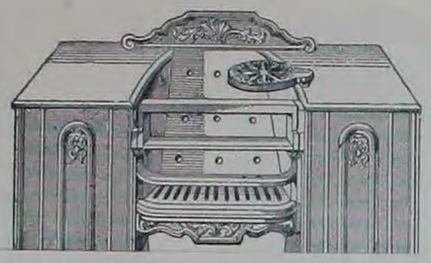
C 3444.—Open Fire Stove, with tile panels.

	Fine Cast and blacked.	Ground and Berlin blacked.
Size—No. 1, 28 in. high, 14 in. wide	47/6	61/- each.
,, ,, 2, 32 in. ,, 17 in. ,,	58/6	75/- ,,
,, ,, 3, 36 in. ,, 20 in. ,,	84/3	101/9 ,,

This Stove is sent out with hinged Fire Doors, although not shown on illustration.

Further details will be sent on receipt of requirements.



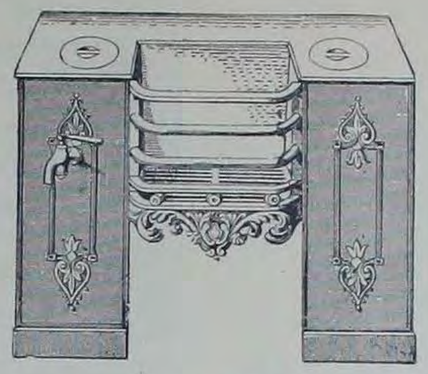


fall

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Price, 2½d. per inch.

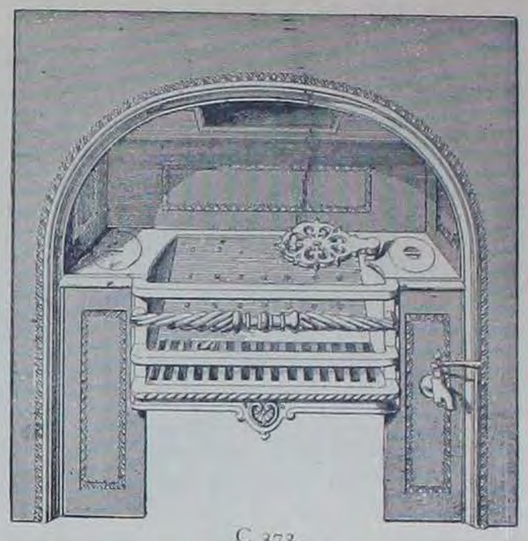
Intermediate and larger sizes can be supplied.



C 372.—Nursery or Saddle Room Grate, with boiler at back and sides.

Sizes ...	24	26	28	30	36 in. wide.
Prices ...	46/3	55/6	64/3	68/9	76/6

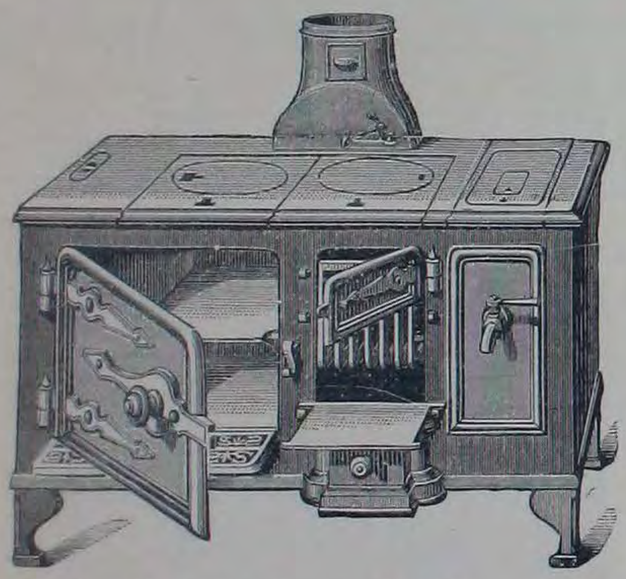
Also made with Wrought Boiler for circulation.



C 373.

Nursery Grate, with boiler at back and sides.

Sizes ...	32	34	36	38 in. wide.
	36	36	38	38 in. high.
Fire ...	14	14	18	18 in. wide.
Prices ...	76/6	79/3	82/6	86/9



C 374.—Portable Cooking Range, 27 in. high × 17 in. back to front.

OVEN AND SHAM—NO BOILER.

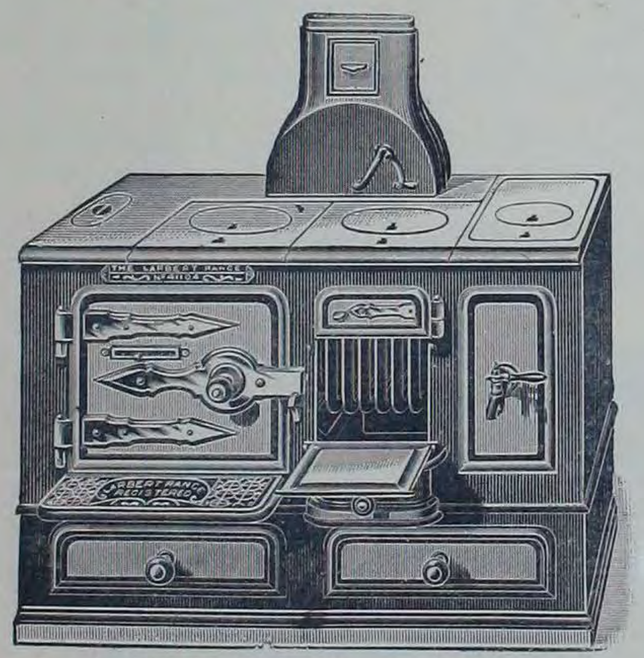
Sizes of Range ...	24	26	30	33	36	38 in. wide.
Sizes of Ovens ...	10	12	14	14	14	16 in.
Prices	37/6	40/-	50/-	52/6	55 -	65/-

OVEN AND BOILER, WITH BRASS TAP.

Sizes of Range	30	33	36	42 in. wide.
Sizes of Ovens	12	14	14	16 in.
Prices	55/-	60/-	65/-	85/-

Open and Close Fire Arrangement ... . 5/- each extra.
Open and Close Fire Arrangement and Lifting Fire ... 10/- ,, ,,

2 feet Sheet Iron Pipe, 1/8 each.



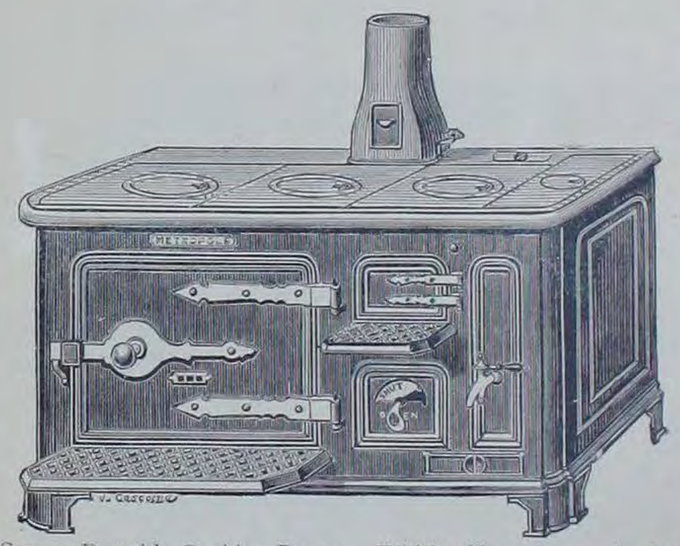
C 3448.—Portable Cooking Range, with Hot Closet. 27 in. high × 17 in. back to front.

OVEN AND SHAM—NO BOILER.

Sizes of Range .	24	26	30	33	36	38 in. wide.
Sizes of Ovens .	10	12	14	14	14	16 in.
Prices	48/-	50/6	60/6	65/-	67/6	80/-

OVEN AND BOILER, WITH BRASS TAP.

Sizes of Range	30	33	36	42 in. wide.
Sizes of Ovens	12	14	14	16 in.
	65/6	72/6	77/6	100/-



T 375.—Strong Portable Cooking Range. Width of hot plate, 21 in. back to front.

OVEN AND SHAM.

Sizes	24	30	36	42	48 in. wide.
Ovens	12	14	14	18	22 in.
Height	25	25	30	30	30 in.
Prices	99/6	115/6	147/6	161/6	178/6

OVEN AND GALVANIZED WROUGHT RIVETTED BOILER.

Sizes	30	36	42	48 in. wide.
Ovens	12	14	18	22 in.
Height	25	30	30	30 in.
Prices	133/6	170/-	185/9	203/-

Including Brass Tap.

DOUBLE OVEN.

Sizes	48	54 in. wide.
Ovens	14	16 in.
Height	30	30 in.
Prices	195/-	214/6

Can also be had with Wrought Pressure Boiler.
Open and Close Fire Arrangement .. ... 11/3 extra.

Further details will be sent on receipt of requirements.

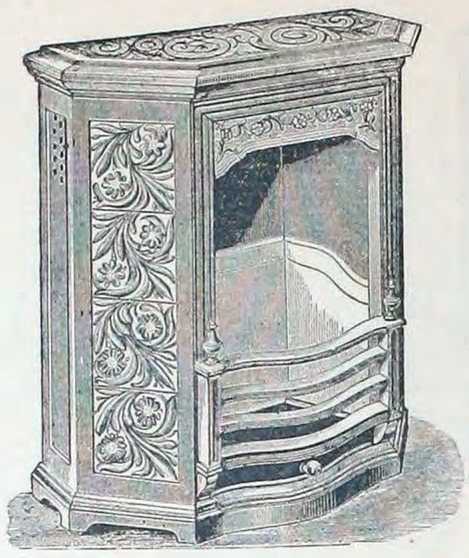
HEATING STOVES.



C 3440.—Slow Combustion Stove.

Size—26 in. high, 20 in wide,

49/6 each.



C 362.—Slow Combustion Stove, with tile panels.

Size—32 in. high, 29 in. wide,

92/6 each.



C 3441.—Semi-Slow Combustion Stove.

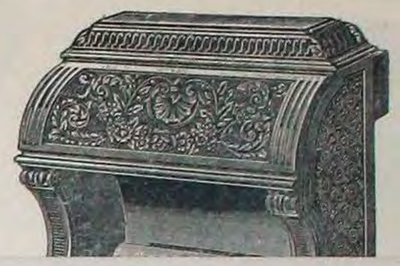
Size—25 in. high, 18½ in. wide.

Fine cast and blacked	48/6 each.
Ground and Berlin blacked ..	68/6 ,,

PAGE 176.

Since printing this list the prices of the following Stoves have been reduced; being now:—

C3440 .. .. 45/- each | C362 .. .. 84/- each

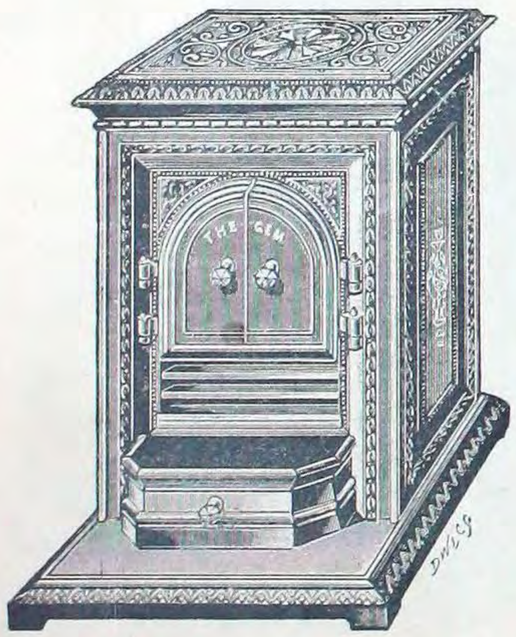


C 3442.—Semi-Slow Combustion Stove, with air chamber at back and sides.

Sizes—32 in. high, 18 in. wide, 14 in. fire.
,, 32 in. ,, 20 in. ,, 16 in. ,,

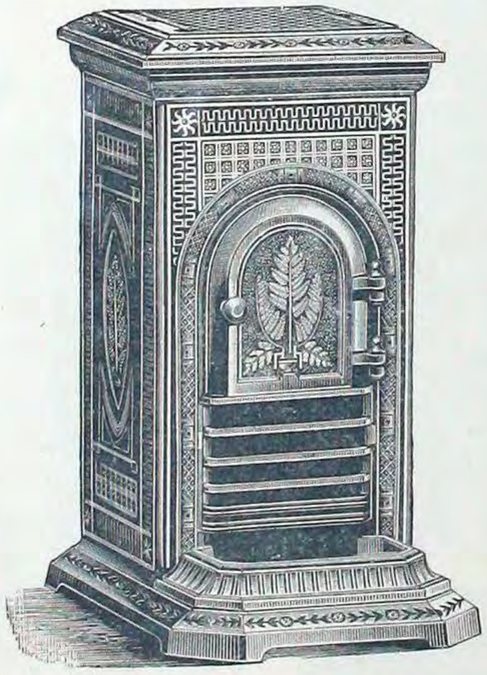
Fine cast and blacked, brass knobs ...	101/- each.
Ground and Berlin blacked ,, ...	119/3 ,,
,, ,, ,, ,, best finish	137/6 ,,

If Electro-Bronzed Canopy, 9/3 extra.



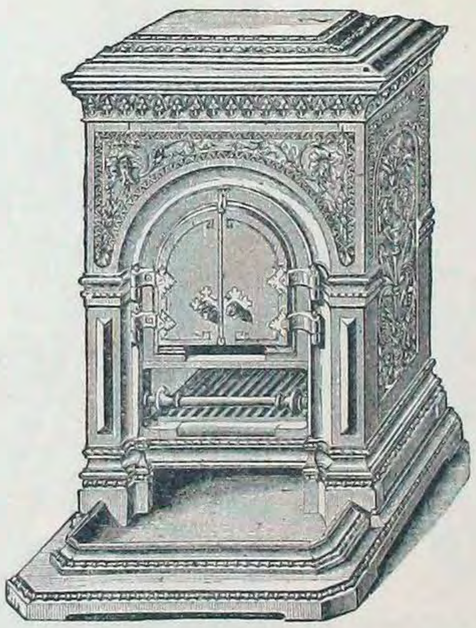
C 361.—Open Fire Stove, fine cast and blacked.

Size—No. 1, 25 in. high,	18½ in. wide,	30/3 each.
,, ,, 2, 30 in.	,, 22 in.	,,	39/6	,,
,, ,, 3, 35 in.	,, 24 in.	,,	68/6	,,



C 3443.—Open Fire Stove, fine cast and blacked.

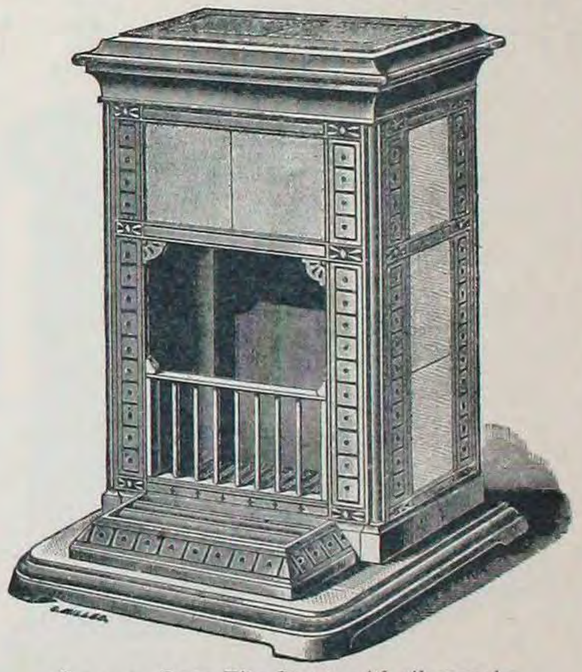
Size—No. 1, 28½ in. high,	11½ in. wide,	37/6 each
,, ,, 2, 30½ in.	,, 13¼ in.	,,	47/-	,,
,, ,, 3, 32½ in.	,, 15½ in.	,,	63/-	,,



C 363.—Open Fire Stove, fine cast and blacked.

Size—33½ in. high, 18½ in. wide,

83/6 each.

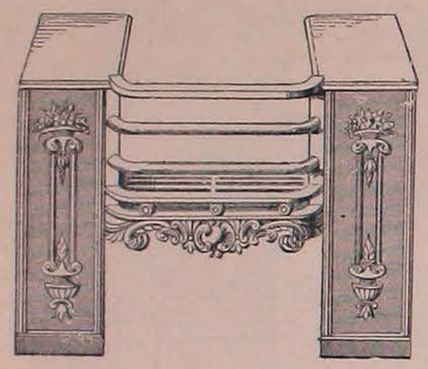


C 3444.—Open Fire Stove, with tile panels.

	Fine Cast and blacked.	Ground and Berlin blacked.
Size—No. 1, 28 in. high, 14 in. wide	47/6	61/- each.
,, ,, 2, 32 in. ,, 17 in. ,,	58/6	75/- ,,
,, ,, 3, 36 in. ,, 20 in. ,,	84/3	101/9 ,,

This Stove is sent out with hinged Fire Doors, although not shown on illustration.

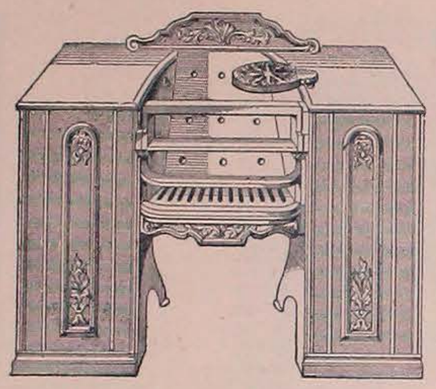
Further details will be sent on receipt of requirements.



C 370.—Elliptic Sham, with loose hobs and bottom.

Sizes—18 in. high × 14 in. to 36 in. wide.
Price, 3¾d. per inch.

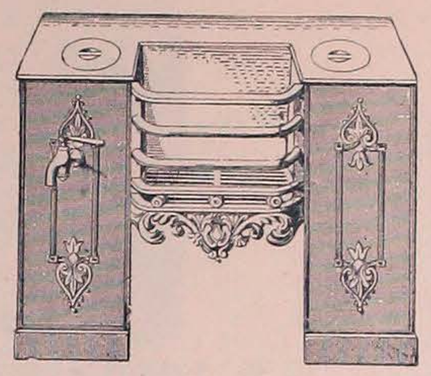
Similar, but lighter pattern, 12 in. to 36 in.
Price, 2½d. per inch.



C 371.—Elliptic or Rumford Grate, with fall bar and swing trivet, 20 in. high.

Sizes ...	18	24	30	36	in. wide.
Fires ...	10	12	12	14	in. wide.
Prices	11/9	13/6	15/3	17/6	

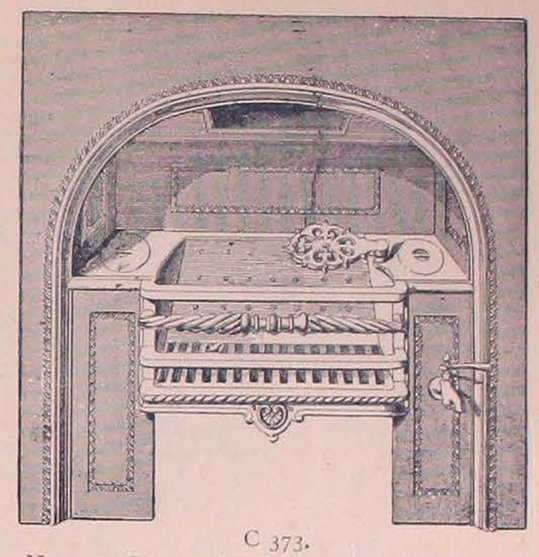
Intermediate and larger sizes can be supplied.



C 372.—Nursery or Saddle Room Grate, with boiler at back and sides.

Sizes ...	24	26	28	30	36 in. wide.
Prices ...	46/3	55/6	64/3	68/9	76/6

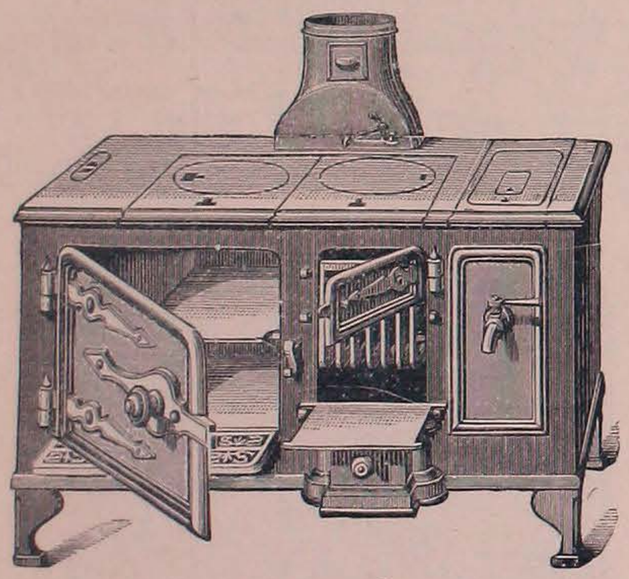
Also made with Wrought Boiler for circulation.



C 373.

Nursery Grate, with boiler at back and sides.

Sizes ...	32	34	36	38	in. wide.
	36	36	38	38	in. high.
Fire ...	14	14	18	18	in. wide.
Prices ...	76/6	79/3	82/6	86/9	



C 374.—Portable Cooking Range, 27 in. high × 17 in. back to front.

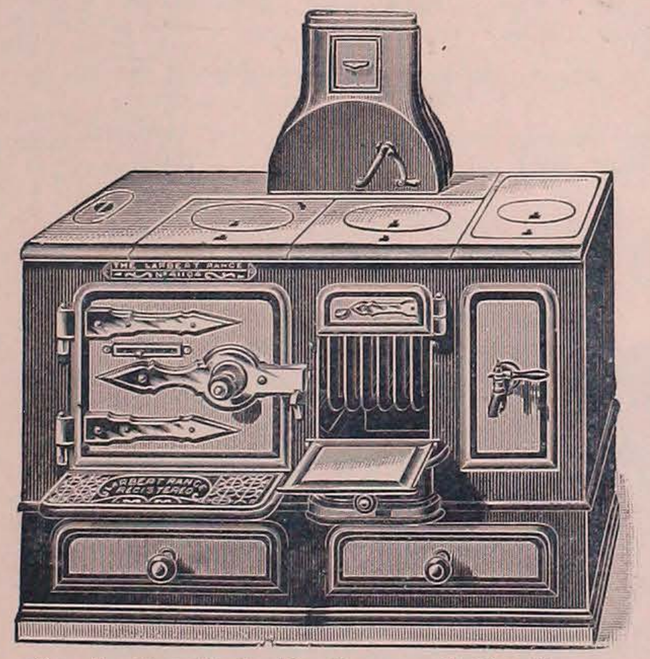
Oven and Sham—no Boiler.

Sizes of Range ...	24	26	30	33	36	38 in. wide.
Sizes of Ovens ...	10	12	14	14	14	16 in.
Prices	37/6	40/-	50/-	52/6	55/-	65/-

Oven and Boiler, with Brass Tap.

Sizes of Range	30	33	36	42 in. wide.
Sizes of Ovens	12	14	14	16 in.
Prices	55/-	60/-	65/-	85/-

Open and Close Fire Arrangement ... . 5/- each extra.
Open and Close Fire Arrangement and Lifting Fire ... 10/- ,, ,,
2 feet Sheet Iron Pipe, 1/8 each.



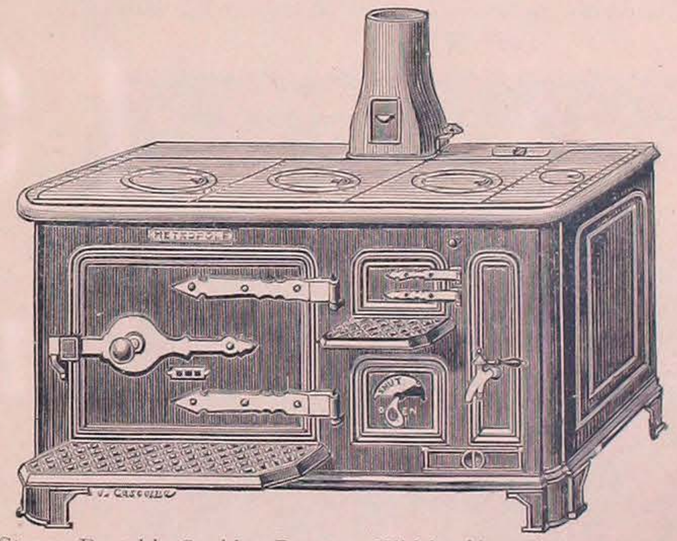
C 3448.—Portable Cooking Range, with Hot Closet. 27 in. high × 17 in. back to front.

Oven and Sham—no Boiler.

Sizes of Range ..	24	26	30	33	36	38 in. wide.
Sizes of Ovens ..	10	12	14	14	14	16 in.
Prices	48/-	50/6	60/6	65/-	67/6	80/-

Oven and Boiler, with Brass Tap.

Sizes of Range... ...	30	33	36	42 in. wide.	
Sizes of Ovens	12	14	14	16 in.	
	65/6	72/6	77/6	100/-	



T 375.—Strong Portable Cooking Range. Width of hot plate, 21 in. back to front.

Oven and Sham.

Sizes	24	30	36	42	48	in. wide.
Ovens	12	14	14	18	22	in.
Height	25	25	30	30	30	in.
Prices	99/6	115/6	147/6	161/6	178/6	

Oven and Galvanized Wrought Rivetted Boiler.

Sizes	30	36	42	48	in. wide.
Ovens	12	14	18	22	in.
Height	25	30	30	30	in.
Prices	133/6	170/-	185/9	203/-	

Including Brass Tap.

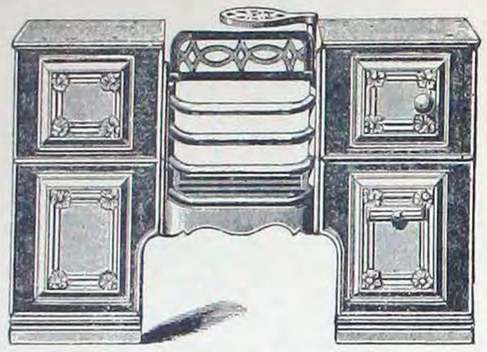
Double Oven.

Sizes	48	54 in. wide.
Ovens	14	16 in.
Height	30	30 in.
Prices	195/-	214/6

Can also be had with Wrought Pressure Boiler.
Open and Close Fire Arrangement .. ... 11/3 extra.

Further details will be sent on receipt of requirements.

OPEN FIRE RANGES.

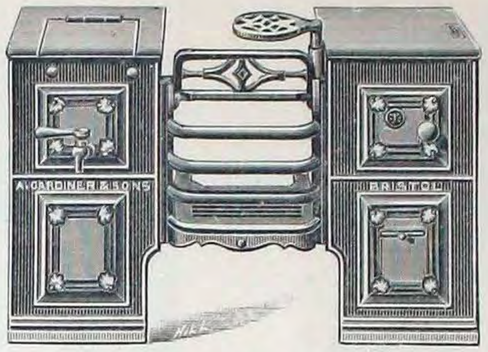


C 380.—Yorkshire Range, 23 in. high × 12 in. deep, cast iron oven, with brass knob and strip, elliptic bars, trivet, dampers, drawstand, &c.

Size.	Oven Side.	Fire.	Sham or Stove Side.	Oven & Sham. Price.	Oven & Stove. Price.
2 ft. 0 in.	11 in.	11 in.	2 in.	22/-	—
2 ft. 6 in.	12 in.	12 in.	6 in.	22/-	—
2 ft. 6 in.	13 in.	12 in.	5 in.	23/6	—
2 ft. 9 in.	12 in.	12 in.	9 in.	22/-	—
2 ft. 9 in.	13 in.	12 in.	8 in.	23/6	—
3 ft. 0 in.	12 in.	12 in.	12 in.	22/-	24/9
3 ft. 0 in.	14 in.	12 in.	10 in.	25/3	—

Close straight bars to either of the above, suitable for Wales, at same price.

If close wrought bars in cast standards ... 10/9 extra.
If all wrought ditto and standards ... 13/3 ,,

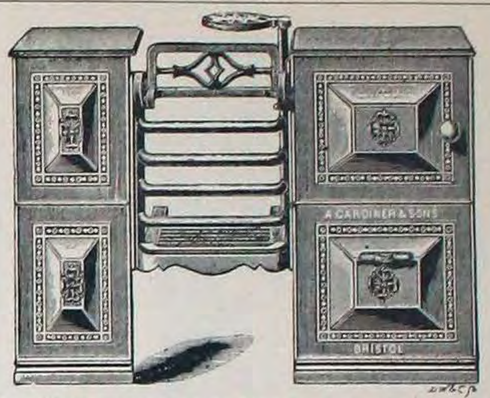


C 381.—Yorkshire Range, 25 in. high × 13 in. deep, with hollow top, brass ventilator to oven, drawstand with brass knob, and soot door in hot plate.

Size.	Oven side.	Fire.	Sham, Stove, or Boiler side.	Oven and Sham. Price.	Oven and Stove. Price.	Oven and Boiler, with ½ in. brass tap, and copper joint to lid. Price.
3 ft. 0 in.	12 in.	12 in.	12 in.	37/9	43/9	58/6
3 ft. 3 in.	14 in.	13 in.	12 in.	40/9	49/9	63/6
3 ft. 6 in.	16 in.	14 in.	12 in.	43/9	50/-	75/3

Close straight bars to either of above, suitable for Wales, at same price.

If close wrought bars in cast standards ... 10/9 extra.
If all wrought ditto and standards ... 13/3 ,,



C 382.—New Pattern Yorkshire Range, 26 in. high, 12 in. deep, with drawstand fitted with brass knob, swing trivet, and damper under oven. Bars straight, elliptic (as drawn), or projecting.

Size.	Oven side.	Fire.	Sham Stove or Boiler side.	Oven and Sham. Price.	Oven and Stove. Price.	Oven and Boiler, with ½ in. brass tap. Price.
2 ft. 6 in.	12 in.	10 in.	8 in.	22/9	27/-	—
2 ft. 9 in.	13 in.	10 in.	10 in.	22/9	27/-	35/-
3 ft. 0 in.	14 in.	12 in.	10 in.	22/9	27/-	35/-
3 ft. 3 in.	14 in.	13 in.	12 in.	26/-	30/-	38/-
3 ft. 6 in.	14 in.	14 in.	14 in.	26/-	30/-	38/-

If with cheeks to boiler side, 1/- extra.

The above dimensions may be varied within the following limits, at a small additional cost for larger Ovens or Boilers than those specified (16 in. Ovens, 3/3 over 14 in.).

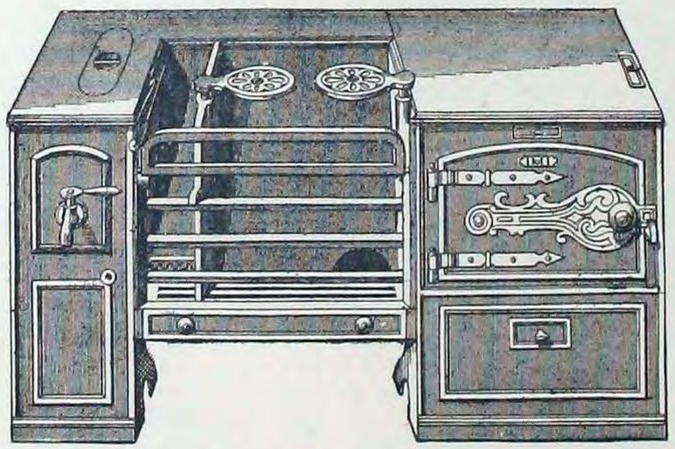
Sham sides	6, 7, 8, 9, 10, 11, 12, 13, 14 in.
Stove sides	9, 10, 11, 12, 13, 14 in.
Boiler sides	10, 11, 12, 13, 14 in.
Oven sides	12, 13, 14, 16 in.
Fires	9, 10, 11, 12, 13, 14, 15 in.



C 383.—Hollow-top Yorkshire Range, extra strong metal, 28 in. high × 16 in. deep.

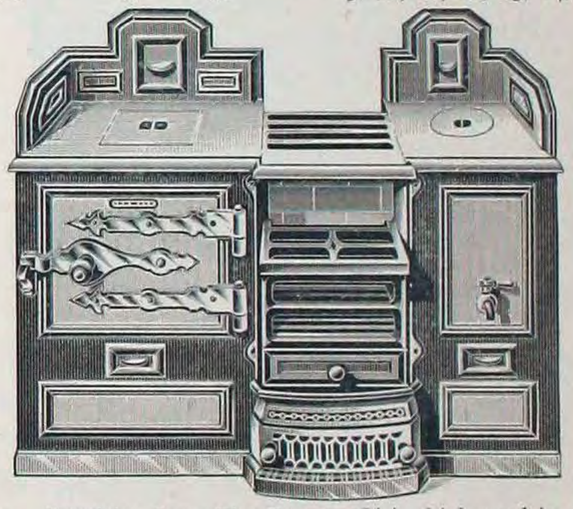
Sizes.	Oven Side.	Fire.	Sham Stove or Boiler side.	Oven and Sham. Price.	Oven and Stove. Price.	Oven and Boiler, with ¾in. brass tap. Price.
3 ft. 0 in.	14 in.	12 in.	10 in.	60/-	61/9	81/9
3 ft. 3 in.	14 in.	13 in.	12 in	63/6	64/9	83/6
3 ft. 6 in.	16 in.	14 in.	12 in.	67/6	75/-	93/6
4 ft. 0 in.	18 in.	16 in.	14 in.	72/6	86/9	102/-

A variety of other sizes also made.



C 3450.—Yorkshire Range, 28 in. high × 20 in. deep, cast iron oven on either hand with bright knob and ventilator, cast iron L boiler with protecting plate and brass cock, square hollow top, hobs, dampers, fall-down bar, two trivets, drawstand with bright knobs, winding cheek, &c.

Size.	Oven side.	Fire.	Boiler side.	With Black Fittings.
3 ft. 6 in.	16 in.	18 in.	8 in.	£8 8 9
4 ft. 0 in.	18 in.	22 in.	8 in.	£9 9 0
4 ft. 6 in.	20 in.	24 in.	10 in.	£10 7 0
5 ft. 0 in.	23 in.	25 in.	12 in.	£11 14 9



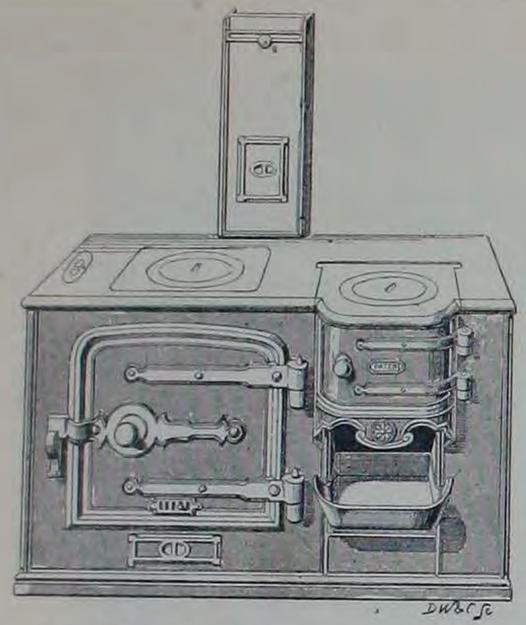
C 385.—Excelsior Open Fire Range, 28¼ in. high × 15½ in. deep.

Sizes.	Oven Front.	Bars.	With skirting. Prices.	Do., with Cove plates and plate rack, 48 in. high. Prices.
36 in.	17 in.	10 in.	55/-	74/3
39 in.	17 in.	11 in.	57/9	77/-
42 in.	19 in.	12 in.	60/6	82/6
45 in.	21 in.	13 in.	71/6	93/6
48 in.	21 in.	14 in.	77/-	99/-

If with hood at back of fire, 5/6 extra to Skirting Range.
4/- extra to Cove Plates. Sheet Iron Top Plate, 6/6 extra.
Recommended with hood if top plate is used.

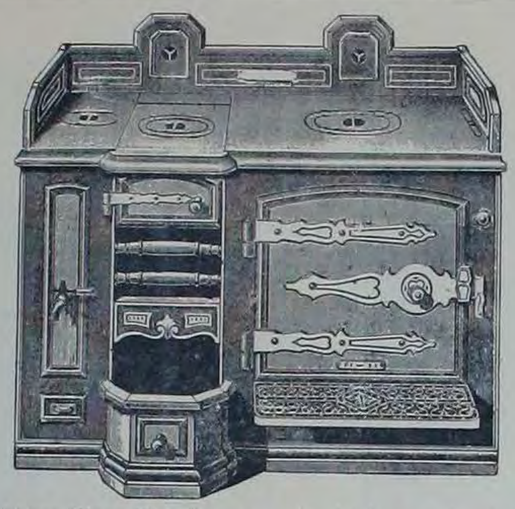
Any of the above supplied with Ovens on either hand. Further details will be sent on receipt of requirements.

CLOSE FIRE RANGES.



C 390.—Cottage Close Fire Range, 24 in. high × 18 in. deep, oven and sham, black fittings, ground edge to hot plate, metal fire lumps, cast register top and oven.

Sizes			
30 in. wide with 14 in. oven	...	...	64/9
36 in. ,, ,, 16 in. ,,	...	...	70/6

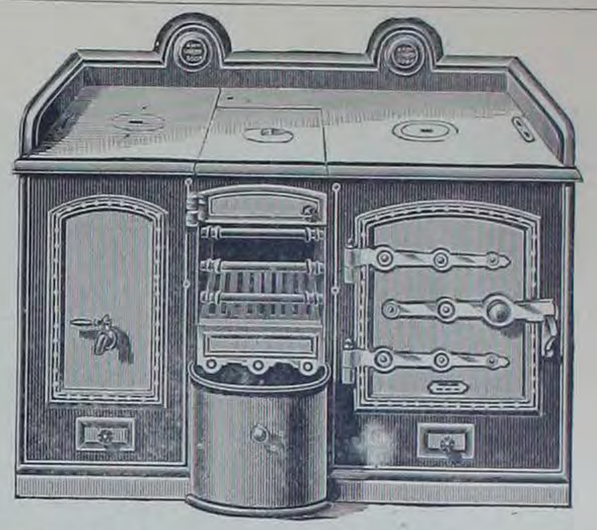


C 391.—Cottage Close Fire Range, 24 in. high × 14 in. deep, bright fittings, cast register door.

		2 ft. 6 in.	3 ft.	3 ft. 6 in
Width of Oven ...	...	12 in.	16 in.	18 in.
Oven and Boiler	...	44/-	46/9	55/-
Oven and Sham	...	39/-	42/-	46/9

If with covings, plate rack, and sheet iron top plate, 4 ft. over all × 16 in. deep—

		2 ft. 6 in.	3 ft.	3 ft. 6 in.
Width of Oven ...	...	12 in.	16 in.	18 in.
Oven and Boiler	...	65/-	68/6	80/-
Oven and Sham	...	59/-	62/6	72/6

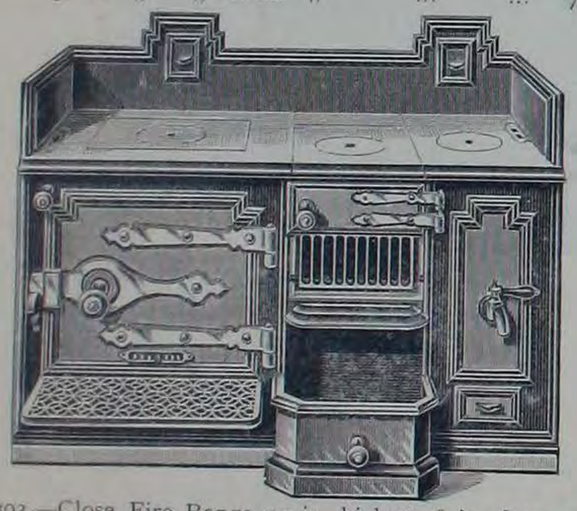


C 392.—Close Fire Range, 30 in. high × 17 in. deep, with side boiler, brass tap, bright fittings, ventilated oven, cast register lid.

		3 ft.	3 ft. 6in	4 ft.
Width of Oven ...		14 in	16 in.	18 in.
Prices	..	63/9	78/3	86/6

Ditto, Oven and sham,

		2 ft. 6in	3 ft.	3 ft. 6 in.
Width of Oven ...		14 in.	16 in.	20 in.
Prices	...	60/6	67/9	72/3



C 393.—Close Fire Range, 27 in. high × 18 in. deep, with side boiler, brass tap, bright fittings, ventilated oven, cast register lid.

Sizes	...	3 ft.	3 ft. 3 in.	3 ft. 6in.	3 ft. 9 in.	4 ft.
Width of Oven		16 in.	16 in.	18 in.	18 in.	20 in.
Prices	...	82/6	85/3	90/9	95/-	104/6

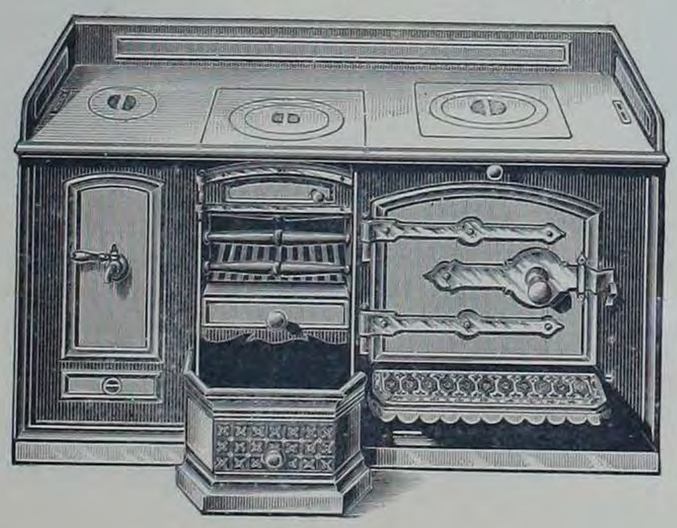
If with covings, plate rack and sheet iron top plate, 4 ft. 6 in. high over all.

Sizes	..	3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.
Prices		110/-	123/9	126/6	129/3	132/-

If with double ovens, covings, &c., as above.

Sizes	...	3 ft. 6 in.	4 ft.	4 ft. 6 in.
Width of Oven		13 and 12 in.	16 and 13 in.	19 and 15 in.
Prices	..	129/3	140/-	148/6

If with open and close fire arrangement, 9/3 extra.

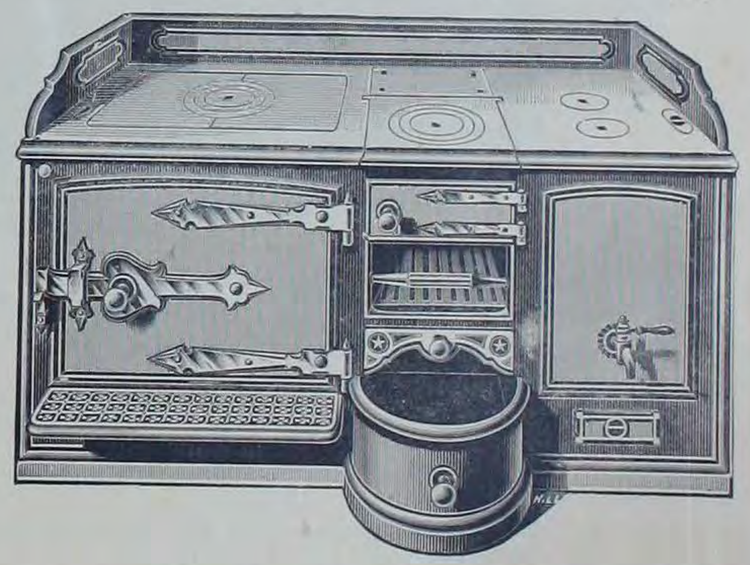


C 394.—Strong Close Fire Range, 28 in. high × 18 in. deep, with side boiler, brass tap, bright fittings, air pipe and valve to oven, sheet iron top plate.

Sizes ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in
Prices ...	121/-	129/6	137/6	146/-	154/-

If with double ovens,

Sizes ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft 6 in.
Prices ...	143/-	151/6	162/6	173/6	181/6



C 395.—Extra Strong Close Fire Range, with side boiler, brass tap, bright fittings, air pipe and valve to oven, sheet iron top plate.

high.	deep.	high.	deep.
3 ft. 6 in. ×	26 in. × 18 in.	4 ft. ×	28 in. × 18 in.
171/9		195/-	
high.	deep.	high.	deep.
4 ft. 6 in. ×	28 in. × 20 in	5 ft. ×	30 in. × 22 in.
262/-		288/6	

If with cove plates and plate rack instead of skirting.

3 ft. 6 in.	4 ft.	4 ft. 6 in.	5 ft.
217/6	240/-	302/6	332/6

Any of the above supplied with Ovens on either hand. *Further details will be sent on receipt of requirements.*

CLOSE FIRE RANGES.



C 399.—Close Fire Cottage Range, oven and boiler, 4 ft. 6 in. high over all, hot plate 30 in. high, 17 in. deep, with bright fittings, cove plates, sheet iron top plate, plate rack, bright outside oven shelf, and brass tap. Oven on either hand.

3 ft.	3 ft. 6 in.	4 ft.
£5 7 3	£6 1 0	£ 9 3

C 3455.—Ditto ditto ditto with double ovens.

3 ft. 6 in.	4 ft.	4 ft. 6 in.
£6 13 0	£7 12 3	£8 15 0

If with combined Open and Close Fire Arrangement, 10/- extra.



C 401.—Double Oven Range, 4 ft. 8 in. high over all, ground hot plate 28 in. high × 20 in. deep, cove plates fitted with blue and white tiles, bright plate rack and fittings, air pipe and valve to oven, sheet iron top plate.

4 ft.	4 ft. 6 in.	5 ft.
£10 5 3	£11 0 0	£11 13 9

C 402.—Ditto, better quality, 5 ft. high over all, hot plate 32 in. high × 22 in. deep, all castings ground and rubbed.

4 ft.	4 ft. 6 in	5 ft.
£17 9 3	£19 13 3	£21 17 3

Wrought Welded Boot Boilers, best quality $\frac{3}{8}$ in. steel plate, with two manlids, from 88/6 extra.

,, ,, Bath ,, ,, ,, ,, ,, ,, ,, one ,, ,, ,, 32/6 ,,

For prices of Range Taps, see page 191.

Further details will be sent on receipt of requirements.



C 407.—Strong Best Finish Double Oven Range, 5 ft. high over all, hot plate 22 in. deep, cove plates, bright plate rack and fittings, air pipes and valves to ovens, sheet iron top plate. All castings ground or rubbed.

4 ft. 6 in. × 30 in.	5 ft. × 32 in.	5 ft. 6 in. × 32 in.	6 ft. × 32 in. high.
£15 1 9	£16 15 0	£19 14 0	£22 0 0

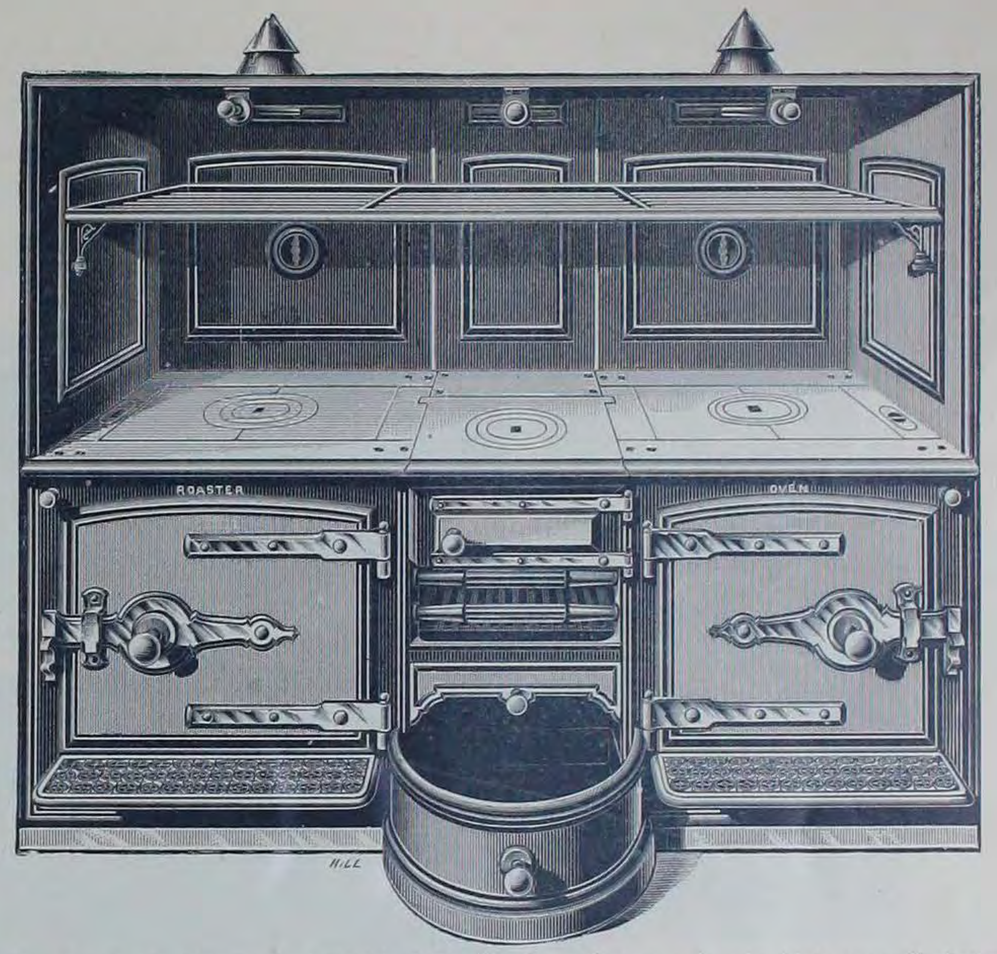
With combined open and close fire arrangement, 10/- extra.

Wrought Welded Boot Boilers, best quality, ⅜ in. steel plates, with two manlids, from 88/6 extra.

Ditto, Ditto, Bath Boilers, from 37/6 extra.

C 406.—Lighter ditto, ditto, 4 ft. 8 in. high over all, hot plate 28 in. high × 20 in. deep Castings not ground.

4 ft.	4 ft. 6 in.	5 ft.
£7 8 6	£7 16 9	£8 7 9



C 408.—Extra Strong Best Finished Double Oven Range, 5 ft. 4 in. high over all, hot plate 32 in. high × 24 in. deep, cove plates, bright plate rack and fittings, two ventilating cones, air pipes and valves to ovens, sheet iron top plate. All castings ground or rubbed.

5 ft.	5 ft. 6 in.	6 ft.
£25 13 6	£27 17 6	£30 0 0

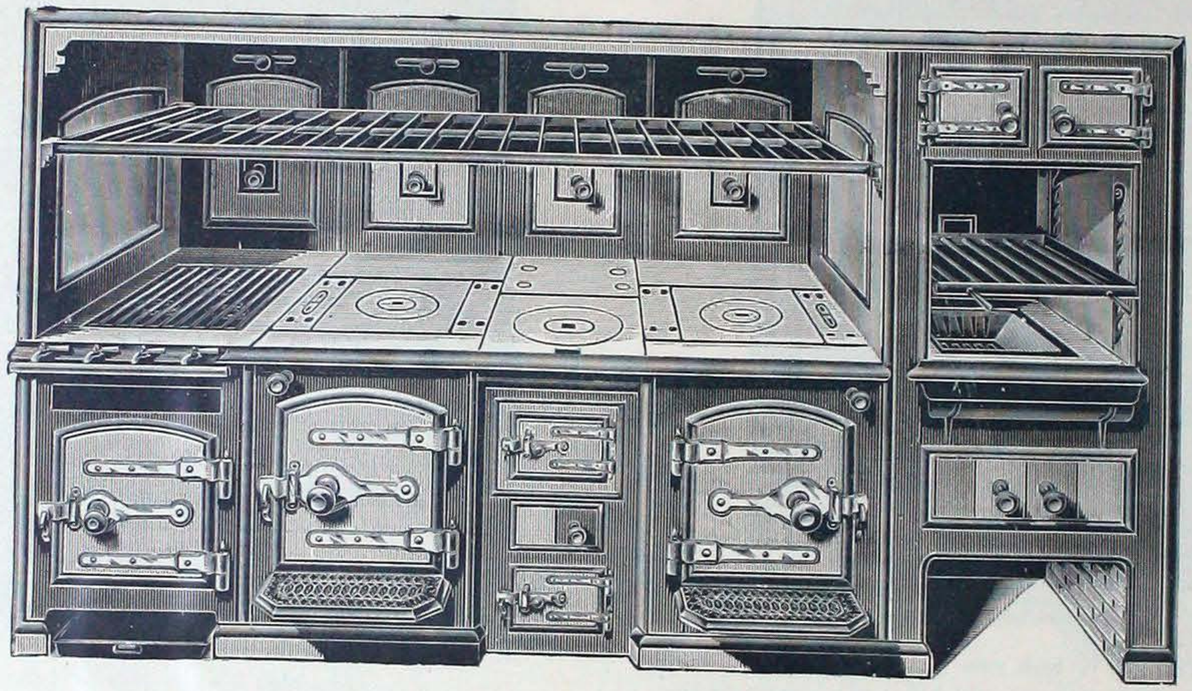
Intermediate and larger sizes also supplied.

Wrought Welded Boot Boilers, best quality, ⅜ in. steel plates, with two manlids, from 88/6 extra.

Ditto, ditto, Bath Boilers, from 40/6 extra.

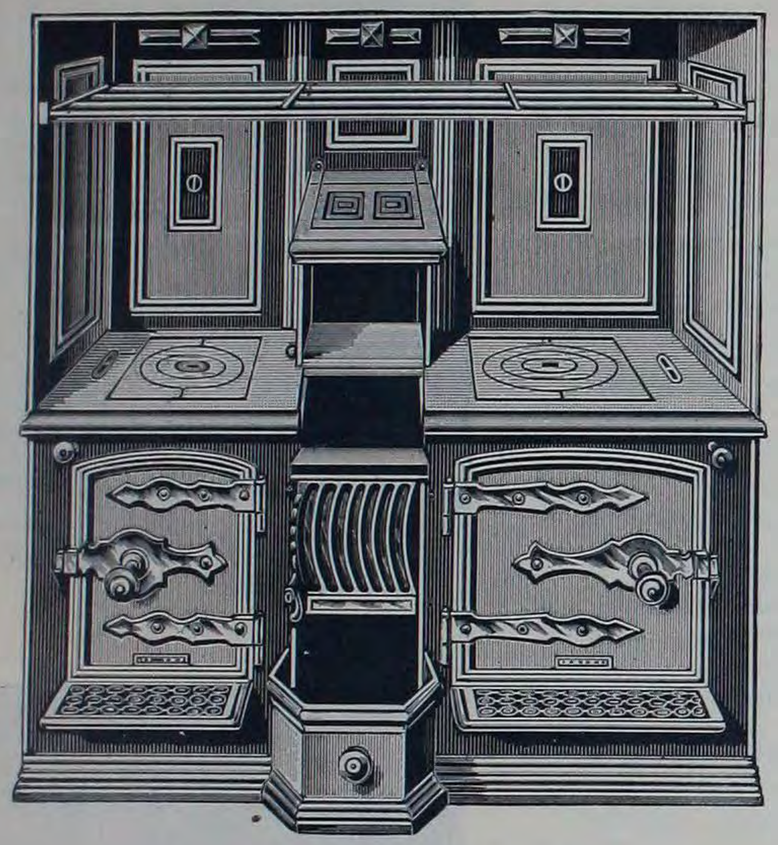
For prices of Range Taps see page 191.

Further details will be sent on receipt of requirements.



C 3460 .

Above design is for Double Oven Kitchener, Gas Oven, Gas Hot Plate, Grill with Hot Closet; but various other combinations can be supplied.



C 3461.—Combined Open and Close Fire, with Eagle Lifting Fire, 4 ft. 8 in. high over all, hot plate 28 in. high × 18 in. deep, with coves, plate rack, bright fittings and bright shelves under ovens.

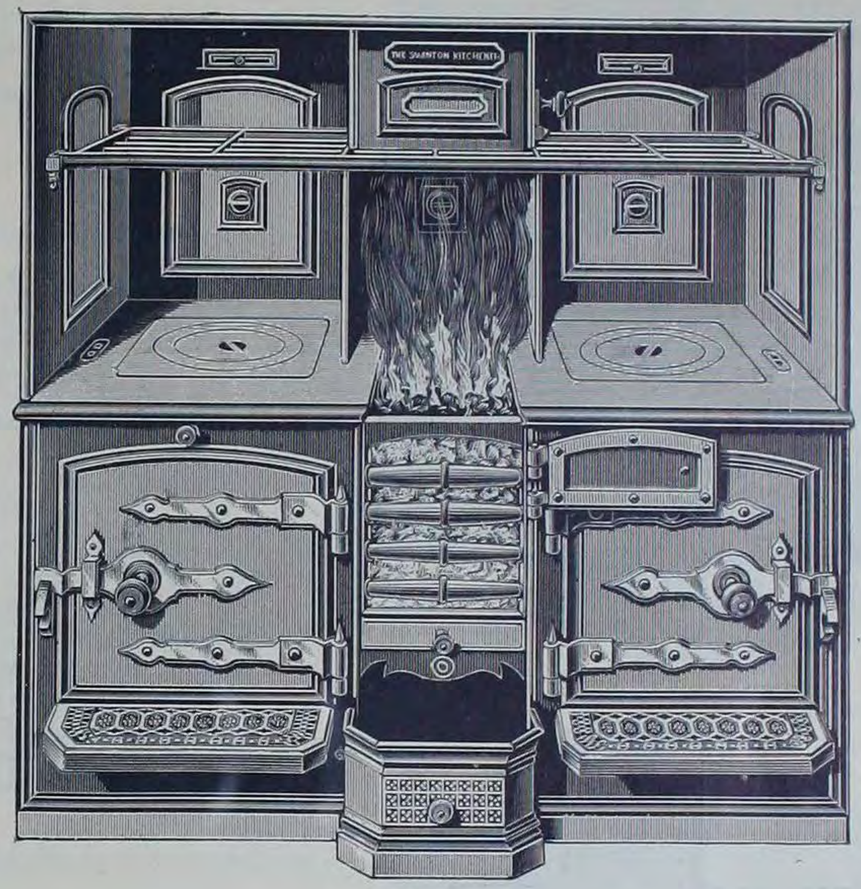
3 ft. 6 in.	4 ft.	4 ft. 6 in.	5 ft.
£6 18 6	£7 8 6	£7 16 9	£8 7 9

C 3462.—Ditto ditto one oven and side boiler, with brass tap.

3 ft.	3 ft. 6 in.	4 ft.
£5 7 6	£5 11 9	£5 16 0

If without Lifting Fire and Open Fire Arrangement, 15/- less.

Wrought Welded Bath Boilers, best quality ⅜ in. steel plates ... from 36/- each extra.



C 403.—Combined Open and Close Fire Range, 4 ft. 6 in. high over all, hot plate 28 in. high × 18 in. deep, cove plates, plate rack and bright fittings, air pipe and valve to oven, sheet iron top plate.

4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
£10 16 0	£11 9 6	£12 2 0	£12 13 0	£13 9 6

C 404.—Ditto ditto one oven and side boiler, with brass tap.

3 ft. 6 in.	4 ft.	4 ft. 6 in.
£8 14 6	£9 18 0	£11 2 9

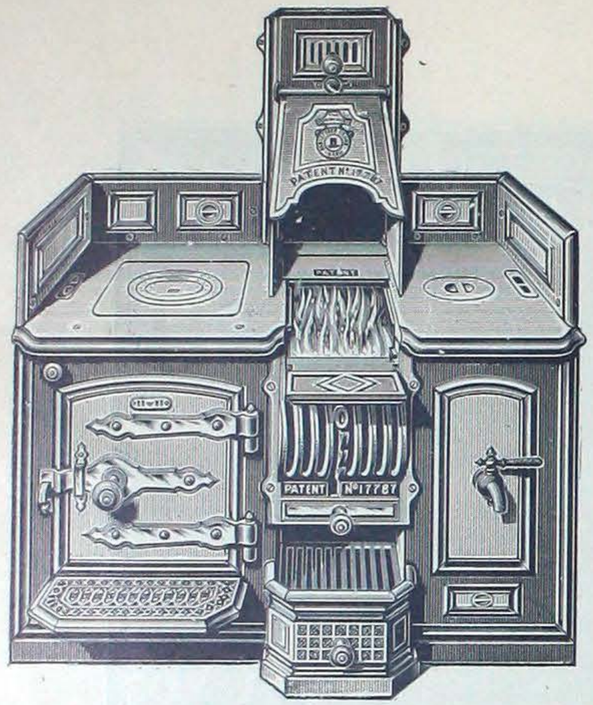
If without Open and Close Fire Arrangements, 10/- less.

Wrought Welded Bath Boilers, best quality ⅜ in. steel plates ... from 32/6 each extra.

For Prices of Range Taps, see page 191.

Further details will be sent on receipt of requirements.

Patent Open and Close Fire Ranges, with Lifting Fires.



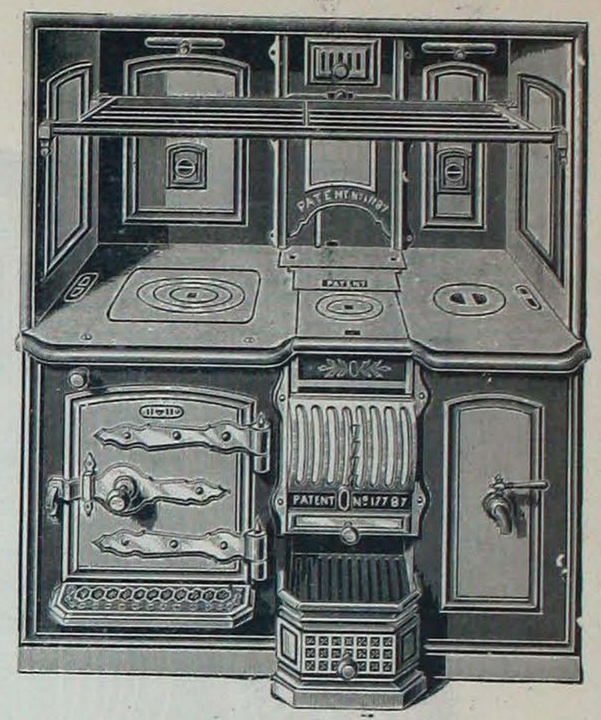
C 409.

C 409.—Fronts 28 in. high, hot plates 18 in. deep.

Full width ...	3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.
Oven Inside ...	11 × 16	13 × 16	16 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire	9 in.	9 in.	9 in.	10 in.	11 in.	12 in.	12 in.
Boiler	9½ in.	10½ in.	10½ in.	12½ in.	14½ in.	14½ in.	17½ in.
Price	94/-	102/-	109/9	117/9	125/6	133/6	141/3

C 410.—Fronts 28 in. high, hot plates 18 in. deep, covings 26 in. high.

Full width ...	3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.
Oven Inside ...	11 × 16	13 × 16	16 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire	9 in.	9 in.	9 in.	10 in.	11 in.	12 in.	12 in.
Boiler	9½ in.	10½ in.	10½ in.	12½ in.	14½ in.	14½ in.	17½ in.
Price	118/9	128/9	138/9	148/6	158/6	168/3	178/3



C 410.

These Ranges combine all the latest improvements at prices little exceeding those of ordinary Ranges.

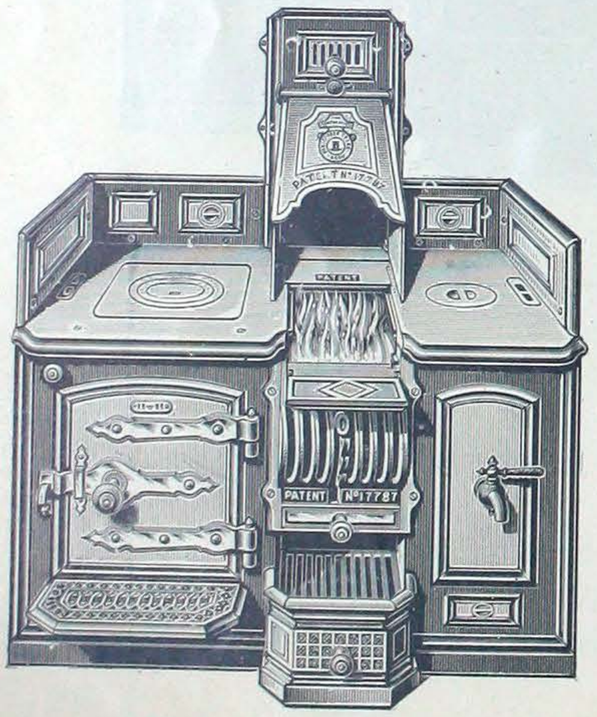
Great saving can be effected in Fuel by means of the Lifting Fire.

They will roast in front of fire, will bake bread in ovens (which have over and under draught), and are a certain cure for smoky chimneys.

The hot-plate over fire slides back when used as an open fire.

All castings are rubbed or ground, and blacked. All hinges, latches, outside oven shelves, &c., are ground bright.

Ashes Pans, Cinder Sifters, and covering in Plates with sliding doors, are included in prices.



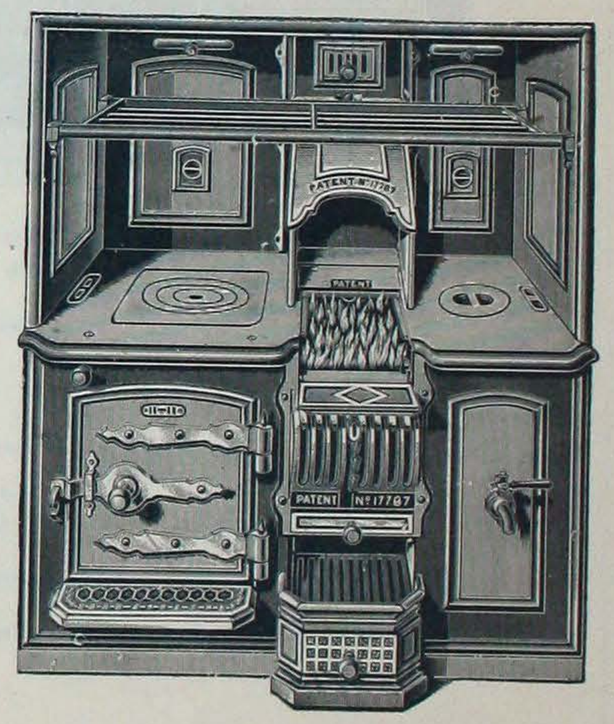
C 411.

C 411.—Strong Metal. Fronts 28 in. high, hot plates 20 in. deep.

Full width ...	3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in
Oven Inside ...	11 × 18	13 × 18	16 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire	9 in.	9 in.	9 in.	10 in.	11 in.	12 in.	12 in.
Boiler	9½ in.	10½ in.	10½ in.	12½ in.	14½ in.	14½ in.	17½ in.
Price	114/-	123/6	132/9	142/6	151/9	161/6	168/9

C 412.—Strong Metal. Fronts 28 in. high, hot plates 20 in. deep, covings 26 in. high.

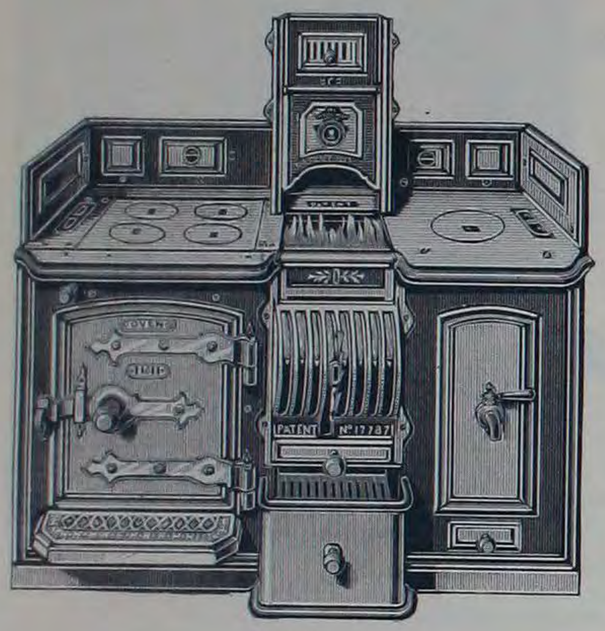
Full width ...	3 ft.	3 ft. 3 in.	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.
Oven Inside	11 × 18	13 × 18	16 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire	9 in.	9 in.	9 in.	10 in.	11 in.	12 in.	12 in.
Boiler	9½ in.	10½ in.	10½ in.	12½ in.	14½ in.	14½ in.	17½ in.
Price	138/9	150/-	161/9	173/3	184/9	196/6	208/-



C 412.

Further details will be sent on receipt of requirements.

Patent Open and Close Fire Ranges, with Lifting Fires.



C 3465.

C 3465.—Extra strong metal and best finished. With hot plate over oven fitted in segments.

Fronts 32 in. high, hot plates 22 in. deep.

Full width ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
Oven inside ...	16 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire	9 in.	10 in.	11 in.	12 in.	12 in.	13 in.	13 in.
Boiler ...	10½ in.	12½ in.	14½ in.	14½ in.	17½ in.	17½ in.	20½ in.
Price ...	184/9	198/-	211/3	224/6	237/9	250/9	264/-

C 413.—Extra Strong Metal and Best Finished. With hot plate over oven fitted in segments.

Fronts 32 in. high, hot plates 22 in. deep, covings 28 in. high.

Full width ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
Oven inside ...	16 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire	9 in.	10 in.	11 in.	12 in.	12 in.	13 in.	13 in.
Boiler ...	10½ in.	12½ in.	14½ in.	14½ in.	17½ in.	17½ in.	20½ in.
Price ...	231/-	247/6	264/-	280/6	297/-	313/6	330/-

These Ranges combine all the latest improvements at prices little exceeding those of ordinary Ranges.

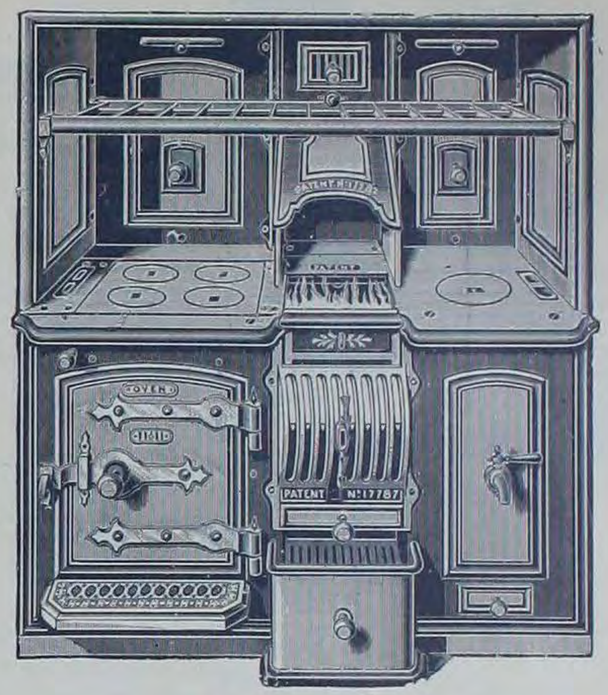
Great saving can be effected in Fuel by means of the Lifting Fire.

They will roast in front of fire, will bake bread in ovens (which have over and under draught), and are a certain cure for smoky chimneys.

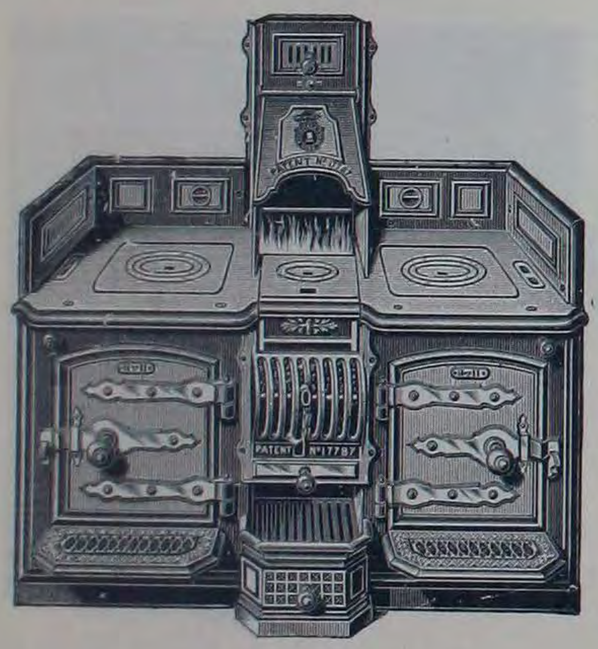
The hot-plate over fire slides back when used as an open fire.

All castings are rubbed or ground, and blacked. All hinges, latches, outside oven shelves, &c., are ground bright.

Ashes pans, cinder sifters and covering in plates with sliding doors, are included in prices.



C 413.



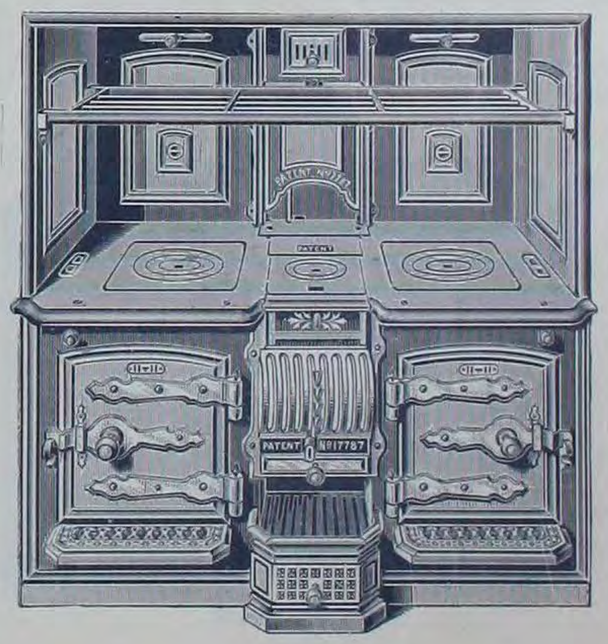
C 414.

C 414.—Fronts 28 in. high, hot plates 18 in. deep.

Full width ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
Oven inside ...	11 × 16	13 × 16	13 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire	8 in.	9 in.	10 in.	10 in.	11 in.	11 in.	12 in.
Roaster ...	11 × 16	11 × 16	13 × 16	13 × 16	15 × 16	16 × 16	18 × 16
Price ...	127/-	136/3	145/3	154/3	163/6	172/6	181/6

C 415.—Fronts 28 in. high, hot plates 18 in. deep, covings 26 in. high.

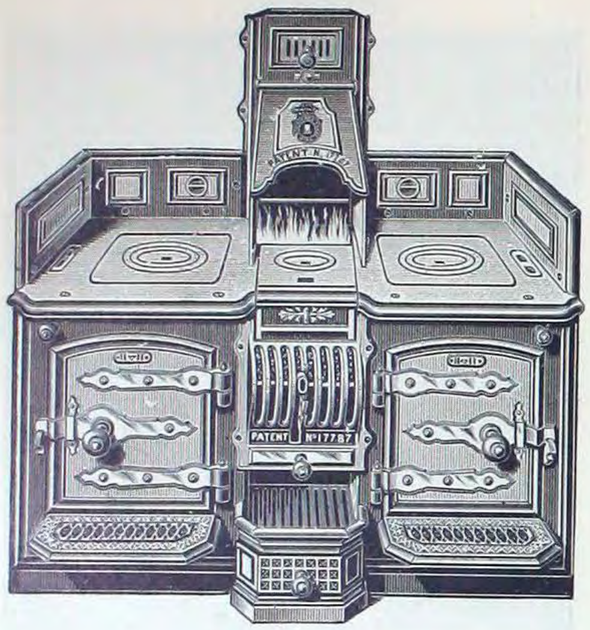
Full width ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
Oven inside ...	11 × 16	13 × 16	13 × 16	16 × 16	16 × 16	18 × 16	18 × 16
Fire	8 in.	9 in.	10 in.	10 in.	11 in.	11 in.	12 in.
Roaster ...	11 × 16	11 × 16	13 × 16	13 × 16	15 × 16	16 × 16	18 × 16
Price ...	156/-	167/-	178/3	189/3	201/-	211/9	222/9



C 415.

Further details will be sent on receipt of requirements.

Patent Open and Close Fire Ranges, with Lifting Fires.



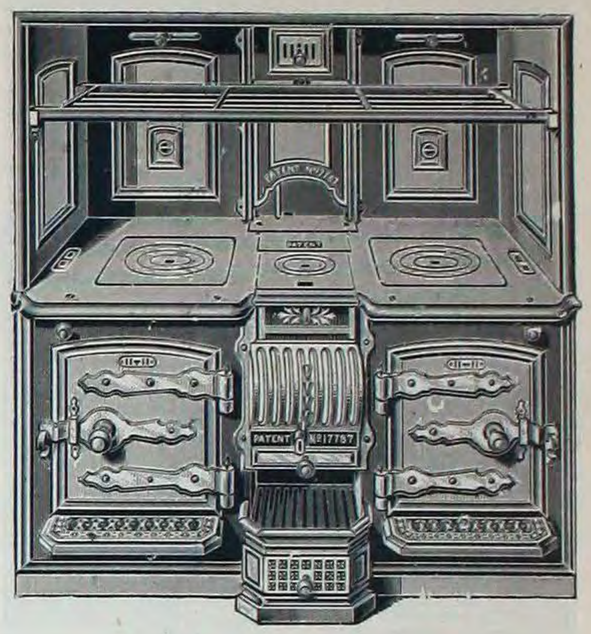
C 416.

C 416.—Strong metal. Fronts 28 in. high, hot plates 20 in. deep.

Full width ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
Oven inside ...	11 × 18	13 × 18	13 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire ...	8 in.	9 in.	10 in.	10 in.	11 in.	11 in.	12 in.
Roaster ...	11 × 18	11 × 18	13 × 18	13 × 18	15 × 18	16 × 18	18 × 18
Price ...	153/-	164/-	175/-	185/6	196/6	208/-	218/9

C 417.—Strong metal. Fronts 28 in. high, hot plates 20 in. deep, covings 26 in. high.

Full width ...	3 ft. 6 in.	3 ft. 9 in.	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.
Oven inside ...	11 × 18	13 × 18	13 × 18	16 × 18	16 × 18	18 × 18	18 × 18
Fire ..	8 in.	9 in.	10 in.	10 in.	11 in.	11 in.	12 in.
Roaster ...	11 × 18	11 × 18	13 × 18	13 × 18	15 × 18	16 × 18	18 × 18
Price ...	182/-	195/-	208/-	221/3	234/3	246/9	260/-



C 417.

These Ranges combine all the latest improvements at prices little exceeding those of ordinary ranges.

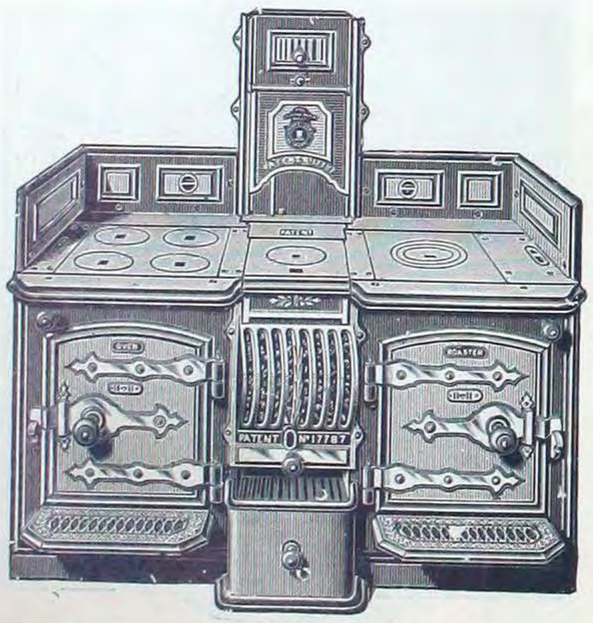
Great saving can be effected in Fuel by means of the Lifting Fire.

They will roast in front of fire, will bake bread in ovens (which have over and under draught), and are a certain cure for smoky chimneys.

The Hot Plate over fire slides back when used as an open fire.

All Castings are rubbed or ground, and blacked. All hinges, latches, outside oven shelves, &c., are ground bright.

Ashes Pans, Cinder Sifters, and covering in plates with sliding doors, are included in prices.



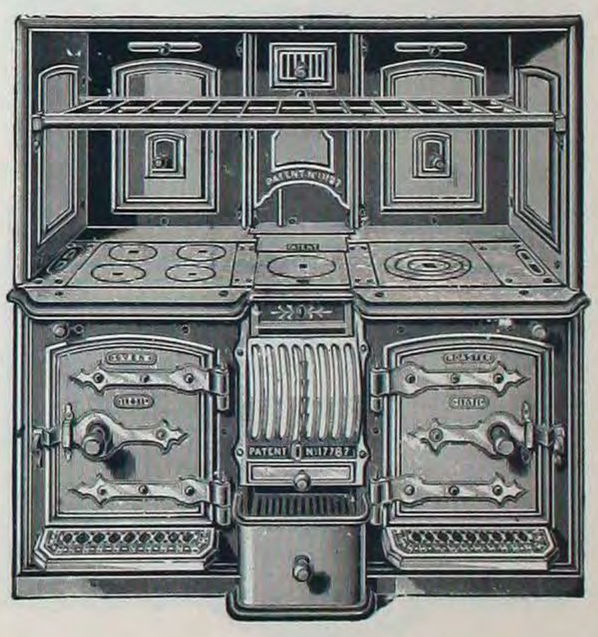
C 418.

C 418.—Extra Strong Metal and Best Finish, with hot plates fitted in segments. Fronts 32 in. high, hot plates 22 in. deep.

Full width ...	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.	5 ft. 3 in.	5 ft. 6 in.
Oven inside ...	13 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire ...	10 in.	10 in.	11 in.	11 in.	12 in.	13 in.	14 in.
Roaster ...	13 × 19	13 × 19	15 × 19	16 × 19	18 × 19	18 × 19	20 × 19
Price ...	244/3	259/6	274/6	289/6	304/9	320/-	334/6

C 419.—Extra Strong Metal and Best Finish, with hot plates fitted in segments. Fronts 32 in. high, hot plates 22 in. deep, covings 28 in. high.

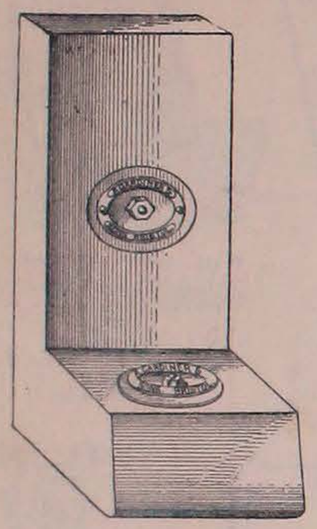
Full width ...	4 ft.	4 ft. 3 in.	4 ft. 6 in.	4 ft. 9 in.	5 ft.	5 ft. 3 in.	5 ft. 6 in.
Oven inside ...	13 × 19	16 × 19	16 × 19	18 × 19	18 × 19	20 × 19	20 × 19
Fire ...	10 in.	10 in.	11 in.	11 in.	12 in.	13 in.	14 in.
Roaster ...	13 × 19	13 × 19	15 × 19	16 × 19	18 × 19	18 × 19	20 × 19
Price ...	297/-	315/9	334/-	352/6	370/9	389/-	407/6



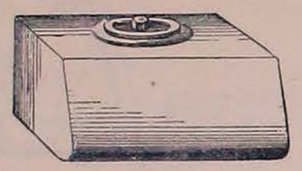
C 419.

Further details will be sent on receipt of requirements.

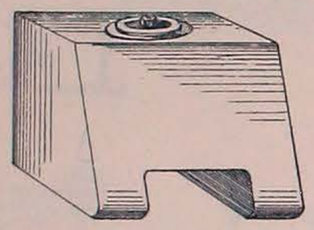
KITCHEN RANGE BOILERS AND FITTINGS.



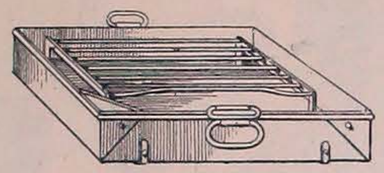
C 420.



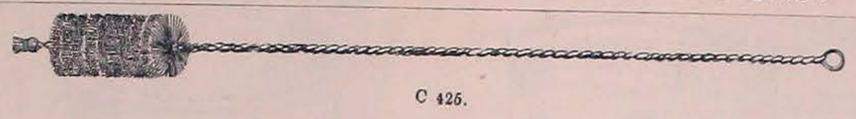
C 421.



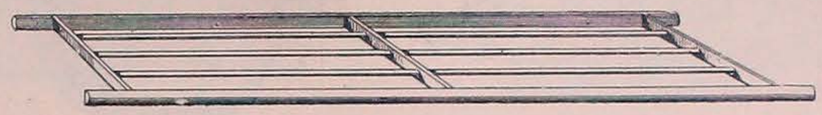
C 422.



C 423.



C 425.



C 426.



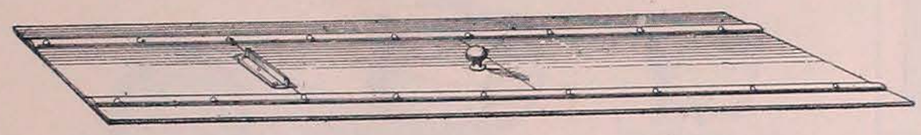
C 3470.



C 3471.



C 3472.



C 424.



C 427.



C 429.

C 420.—Boot Boiler, wrought welded, $\frac{3}{8}$ in., with steel body, two improved manhole covers, and india rubber washers.
32 in. high at back × 13½ in. wide × 6 in. thick in back £4 8 6 each.
Boot 9 in. projection × 8 in. thick.
Made to any other sizes at a few days' notice.

C 421.—Bath Boilers, wrought welded, $\frac{3}{8}$ in. thick, steel plates, improved oval manhole cover, and india rubber washer.

12	in. long × 6	in. deep ×	9½	in. top × 11	in. bottom ...	27/- each
14	in. ,, × 6	in. ,, ×	9½	in. ,, × 11	in. ,, ...	30/- ,,
16	in. ,, × 7½	in. ,, ×	11½	in. ,, × 13	in. ,, ..	35/- ,,
17	in. ,, × 9	in. ,, ×	13	in. ,, × 15	in. ,, ...	40/6 ,,
13½	in. ,, × 8	in. ,, ×	11	in. ,, × 12½	in. ,, ...	32/6 ,,
13½	in. ,, × 8	in. ,, ×	13	in. ,, × 14½	in. ,, ..	37/6 ,,

Made to any other sizes at a few days' notice.

C 3474.—Ditto, made from $\frac{5}{16}$ in. iron plate, with round manhole cover and india rubber washer.

12	in. long × 6	in. deep ×	9	in. top × 11	in. bottom ...	20/6 each.
13½	in. ,, × 8	in. ,, ×	11	in. ,, × 12½	in. ,, ...	24/6 ,,

C 422.—Bath Boiler, with arch flue, wrought welded, $\frac{3}{8}$ in. thick, steel plates, improved oval manhole cover, and india rubber washer.

13	in. long × 6	in. deep ×	14	in. top × 16	in. bottom ...	36/- each.
15	in. ,, × 6	in. ,, ×	15	in. ,, × 17	in. ,, ...	40/- ,,
15	in. ,, × 6	in. ,, ×	16	in. ,, × 18	in. ,, ...	46/- ,,

C 3475.—Ditto, made from $\frac{5}{16}$ in. iron plates, with round manhole cover and india rubber washer.

12	in. long × 6	in. deep ×	9½	in. top × 11	in. bottom ...	21/6 each.
13½	in. ,, × 6	in. ,, ×	9½	in. ,, × 11	in. ,, ...	23/6 ,,
15	in. ,, × 6	in. ,, ×	9½	in. ,, × 11	in. ,, ...	24/6 ,,

C 423.—Strong Double Baking Pans, with Meat Stand.

15 × 15	15 × 17	17 × 17	15 × 19	17 × 19	19 × 19	22 × 26 inches.
13/-	13/6	14/3	14/3	14/9	16/9	21/9 each.

Any other sizes made to order.

Stamped ditto ...	14 × 11½	13 × 13	14 × 14	16 × 16 inches.	
	6/-	6/9	7/6	10/- each.	

C 424.—Sheet Iron Sliding Register Top Plates ... 2/3 per foot

3 ft.	3 ft 6 in.	4 ft.	4 ft. 6 in.	5 ft. 6 ft.
1/6	1/9	2/-	2/-	each.

C 425.—Flue Brushes 1/- 1/3 1/6 1/9 2/- 2/3 each.

C 426.—Plate Racks, with bright front & brackets for fixing, 2/3 per ft.

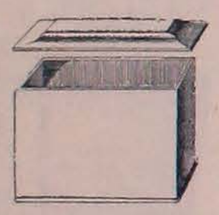
C 427.—False Bottoms for Ranges.

8 × 4½ × 3	9½ × 4½ × 3	9 × 6 × 3	10 × 5½ × 3 inch.
1/6	1/9	2/-	2/- each.
11 × 6 × 3	10 × 6½ × 3	11 × 4½ × 3	13 × 6 × 3 inch.
2/6	2/6	2/-	3/- each.

C 429.—Well Kettles, best block tin, with copper bottoms, for ranges

2	3	4	6	8 quarts.
7/3	7/9	8/3	10/6	12/- each.

		¾ inch.	1 inch.
C 3470.—Patent Safety Valve	... ...	6/-	7/6 each.
C 3471.— ,, ,, ,,	... ..	8/3	10/- ,,
C 3472.— ,, ,, ,,	... ...	5/9	7/3 ,,

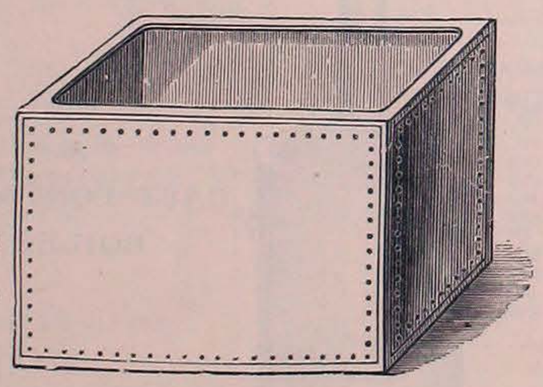


C 430.
Cast Iron Supply Cisterns, with covers.

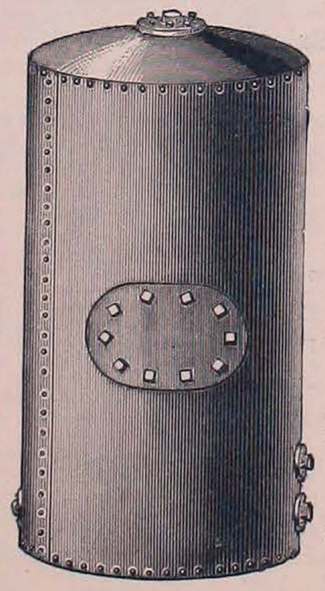
Long.	Wide.	Deep.	Black.	Galvd.
11¾	6	9	4/3	6/6
16	6½	12	6/3	9/9
18	6½	12½	7/3	11/3
19	11	13	10/6	17/3

C 434.
Galvanized Wrought Iron Supply Cisterns, with covers.

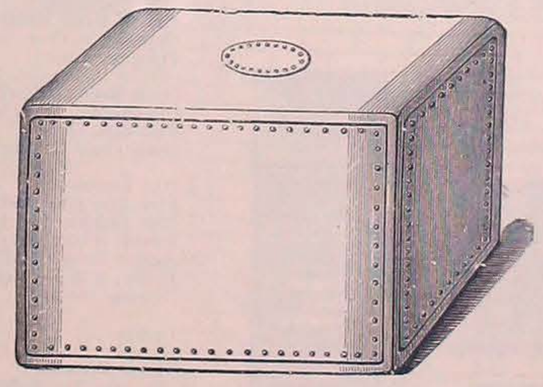
15 × 6 × 12	18 × 6½ × 13	18 × 12 × 15
8/3	9/-	10/6



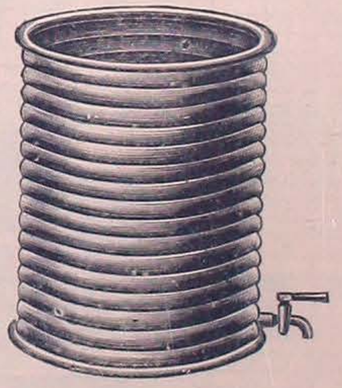
C 431.
Galvanized Iron Open Cistern.
For prices see loose price list.



C 432.—Galvanized Hot Water Cylinder.
For prices see loose price list.
Prices of Copper, which is recommended for good work, quoted for on application.



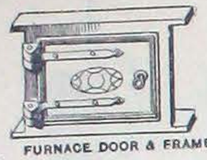
C 433.
Galvanized Hot Water Tank, with manhole, and cover bolted down.
For prices see loose price list.



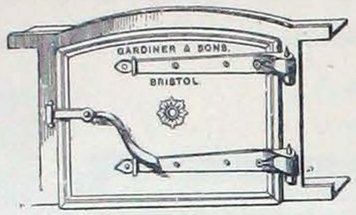
C 3473.
Galvanized Corrugated Cistern.
For prices see loose price list.

Further details will be sent on receipt of requirements.

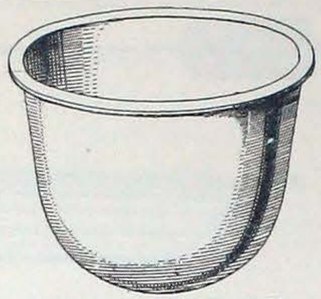
BAKERS' OVEN APPARATUS, CAST BOILERS, Etc.



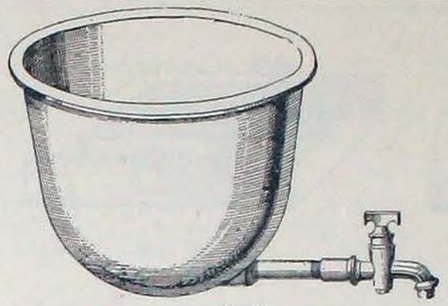
C 435. FURNACE DOOR & FRAME.



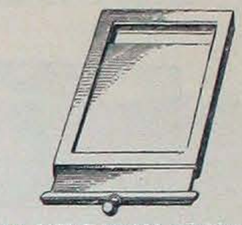
C 436. OVEN DOOR.



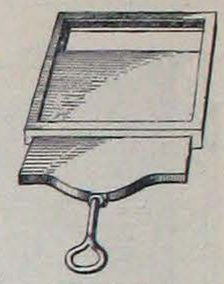
C 443. FURNACE PAN OR BOILER.



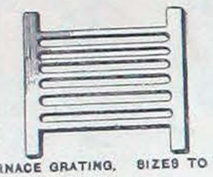
C 444.
FURNACE PAN, WITH PIPE AND DRAW-OFF COCK.



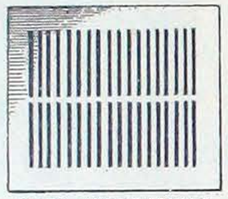
C 445 PATENT DAMPER AND FRAME.



C 446. DAMPER AND FRAME



C 437. FURNACE GRATING. SIZES TO SUIT DOORS.



C 438. ASH-PIT GRATING.



C 441. PLUMBER'S POT.



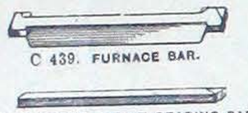
C 442 THREE-LEGGED POT.



C 447.
SOOT DOOR.



C 455.
EARTH RAMMER.



C 439. FURNACE BAR.



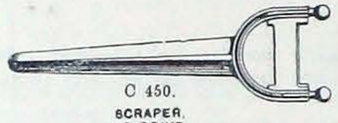
C 440. SQUARE & FLAT BEARING BARS



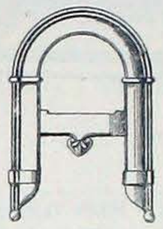
C 448.
SQUARE SASH WEIGHT



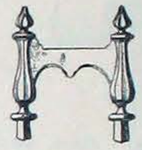
C 449.
ROUND SASH WEIGHT.



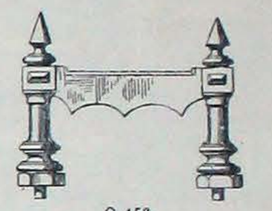
C 450.
SCRAPER,
TO DRIVE



C 451.
WALL SCRAPER.



C 452.
SCRAPER FOR STONE



C 453.
SCRAPER FOR STONE



C 464.
SCRAPER FOR STONE

C 435.—Furnace Door and Frame, 5 to 12 in. ... ... 14/9 per cwt.

	6	7	8	9	
C3476.—Sets of Furnace Doors and Frames and Gratings ...	2/3	2/9	3/6	4/6	5/6 per set.

C3477.—12 inch Strong Furnace or Bakers' Oven Door, with Back Plate, weight about 0 cwt. 3 qrs. 0 lbs. ... } 21/3 per cwt.
,, —14 inch ditto, weight about 1 cwt. ... ..

C3478.—Strong Kiln Door, 13½ × 12 in inside measure, weight about 0 cwt. 3 qrs. 19 lbs. ... .. } 13/9 per cwt.

C 436.—Oven Door & Frame, 12 to 24 in., right or left hand, 7d per inch.
C 437.—Furnace Gratings, light, sizes to suit doors ... 12/3 per cwt.
C 438.—Ashpit Gratings, 10×12, 12×14, 14×16, 16×18 ins. 16/9 ,,
2¼d. per lb.
C 439.—Furnace Bars ... . 10/9 ,,
Bakers' and Bellied Bars ... ... 10/9 ,,
C 440.—Square and Flat Bearing Bars, same price as Furnace Bars, C 439.

	6	8	10 inch.
C 441.—Plumbers' Pots	1/-	1/6	2/8 each.

	¼	½	1	1½	2 gallons.
C 442.—Three Legged Pots	6d.	7½d.	10d.	1/1	1/5 each.
Ditto, 2½ gallons and above					9d. per gal.
C 443.—Furnace Pans, Black, 6 to 25 gallons					5d. ,,
30 to 100 ,, ...					6d. ,,
120 to 200 ,, ...					7½d. ,,
Ditto, Galvanized, 6 to 25 ,, ...					7½d. ,,
30 to 100 ,, ...					8½d. ,,

Sizes of Furnace Pans.

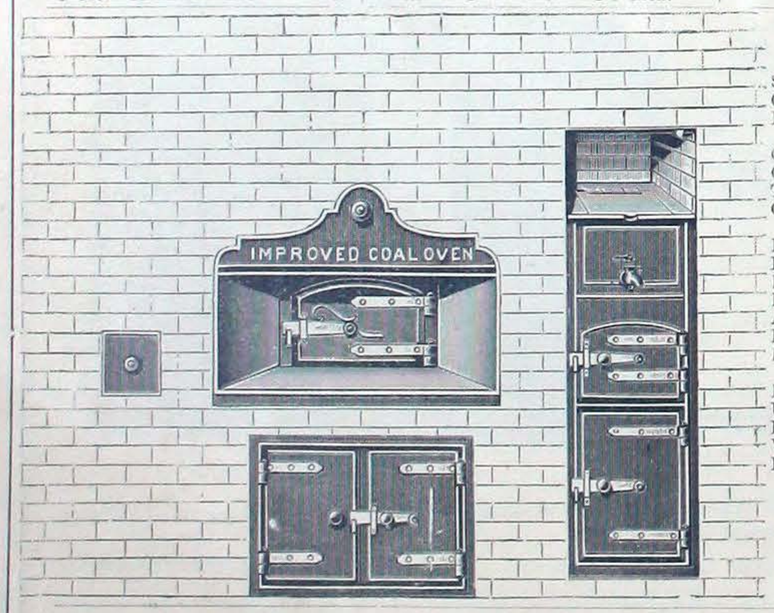
	6	8	10	12	14	16	18	20	25	30	35	40	50	60	70	80	100 gal.
Width in clear	15½	17	18½	19½	20½	21	22	22½	24½	25½	26½	28¾	30½	31	33¼	35½	38½ ins.
Depth ...	12	13¼	14½	15	16	17	18	18	19	21	21	22	24½	25	27	28	30 ,,

C 444.—Furnace Pan, with Boss cast on, drilled and screwed for 1 in. wrought tube—16, 20, 25, 30 or 40 gallons, Black, 8d.; Galvanized, 1/- per gallon.
Other sizes in proportion.
Wrought Tube and Fittings, about 2/- each. 1 in. Brass Taps, 6/9 each and upwards.

C 445.—Patent Dampers and Frames, Frames cast in one piece—

Nos.	1	2	3	4	5	6	7
Size in opening ...	3½×4½	4½×5½	5¼×6¼	6×7¼	7×8¾	8×9¾	9×10¾ ins.
	11d.	1/1	1/3	1/6	1/9	2/5	2/9 each.

C 446.—Damper and Frame, opening 12×14 in. ... ... 5/6 ,,
C 447.—Soot Door, single, 6×4½ in. ... ... 2/3 ,,
,, ,, 8×5¾ in. ... ... 3/- ,,
,, ,, 10×7¼ in. ... ... 3/10 ,,
,, ,, 12×8¼ in. ... ... 5/- ,,
C 448.—Square Sash Weights, according to size and quantity to per cwt.
Ditto, with Pulleys, each extra.
C 449.—Ordinary Round Sash Weights ... ... ,,
Special Price for Half-Ton Lots and upwards.
Collars or Increasers, ½ or 1 lb., 2d per lb.
C 450.—Scraper to Drive, blacked ... ... 1/6 each.
C 451.—Wall Scraper, blacked... ... ... 1/8 ,,
C 452.—Scraper for Stone, blacked ... ... 1/6 ,,
C 453.— ,, ,, ,, ... 3/4 ,,
C 454.— ,, ,, ,, ... 1/2 ,,
C 455.—Earth Rammer ... 8 lb., 1/4; 12 lb., 1/11; 14 lb., 2/3 ,,
,, square ... ... 10 lb., 1/8; 14 lb., 2/3 ,,



C 458.—Improved Bakers' Oven Apparatus.

	No. 1.	No. 2.	No. 3.	
Size of Oven Mouth	18	20	22	inches.
Capacity of Oven	10	14	16	bushels.
Price per Set ...	£12 6 0	£13 1 0	£13 18 0	as List below.

	No. 1.	No. 2.	No. 3
Oven Door or Stock...	25/-	28/6	34/3
Ornamental Top Plate	6/-	6/-	6/-
Two Side Coves	14/-	14/-	14/-
Oven Plate Bottom	12 9	12/9	12/9
,, Top	11/6	11/6	11/6
Box Register	18/3	18/3	18/3
Five Fire Bars and Two Bearers ...	16/6	17/9	19/9
Flat Damper and Frame	4/9	4/9	5/6
Double Fire Door and Frame ...	24/3	25/9	27/6
Ashpit Door and Frame	23/-	24/3	25/9
Boiler, with Lid, and Tap and Front	36/6	40/3	42/-
Proving Doors	56/9	60/9	64/9

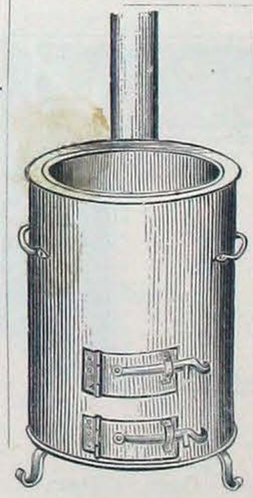
Extras.

Lamps	3/- each.
Upsets .. 12 in., 3/-; 18 in., 4/6; 24 in., 6/-; 30 in., 7/9	,,
Flame Director	7/9 ,,
Wrought Tie Rods	44/6 per set.
Buckstaves and Corner Plate	16/3 cwt.

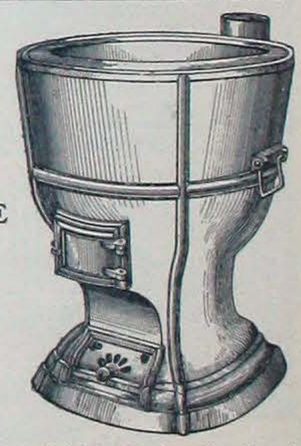
C 459.—PORTABLE FURNACE.

Sheet Iron Body, with wrought Galvanized Boiler, and 2-ft. pipe and elbow.

Sizes ...	6	8	10	12	16	20	25	30 gallons.
Price ...	35/-	37/9	40/9	48/-	55/6	64/6	75/-	97/- each.



C 460. CAST PORTABLE BOILER.

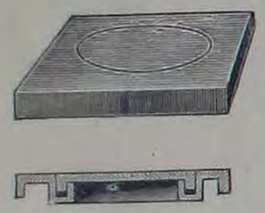


Prices, Sizes	8	10	12	14	16	18	20	25 gal.
with Galvanized Boiler	50/3	58/9	65/-	68/-	75/3	79/6	83/-	96/9 ea.

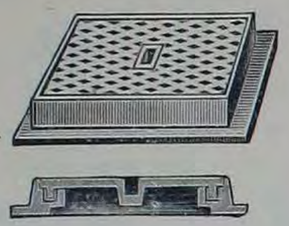
	¾	⅞	1 in.
Draw-off Cocks fitted to above ...	14/-	17/9	23/- extra.

Hinged Galvanized Covers, 13/6 to 24/-. Flue Top or Back.
If mounted on wheels, 17/6 each extra.

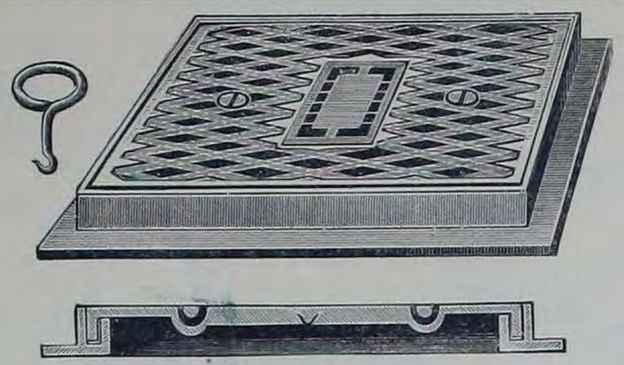
Further details will be sent on receipt of requirements.



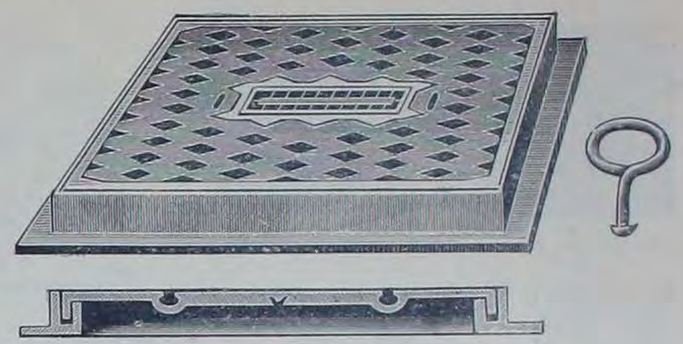
C 3480.



C 3481



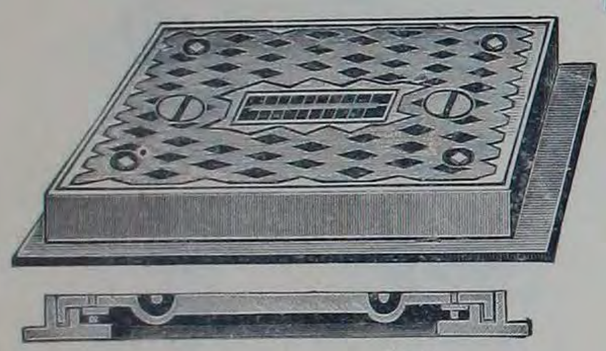
C 2240.



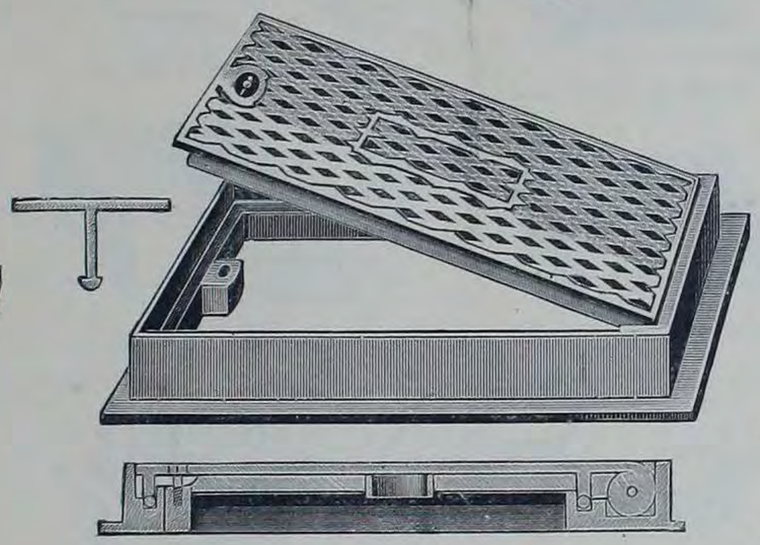
C 2241.



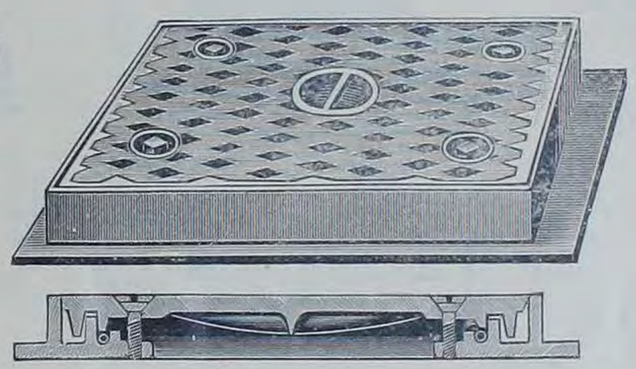
C 488.



C 3482.



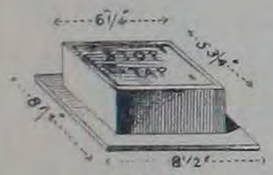
C 493.



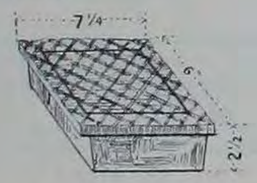
C 491.



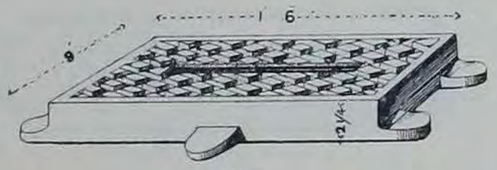
C 489



C 552.



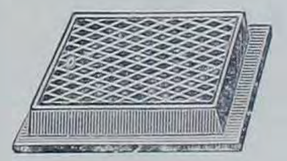
C 553.



C 551.



C 3483.



C 3484.



C 490

C 3480.—Air Tight Inspection Cover for cleansing shaft, 12 in. square over all, 6 in. opening in clear ... ... 4/- each.

C 3481.—Ditto, 12 in. square over all, 9 in. opening in clear ... 5/9 ,,

C 2240.—Air Tight Manhole Cover and Frame, light pattern. The joint to be made with grease, soft soap or sand—

Sizes—12×12 in. in the opening	... ...	5/- each.
15×15 in. ,, ,,	... ...	7/9 ,,
18×18 in. ,, ,,	... ...	10/- ,,
24×12 in. ,, ,,	... ...	11/- ,,
24×18 in. ,, ,,	... ...	13/6 ,,
24×24 in. ,, ,,	... ...	16/- ,,

Hooks for ditto, 5½d. each extra.

C 2241.—Ditto, heavy pattern, with key holes—

Sizes—12×12 in. in the opening ...	Each 10/6	Sizes—24×24 in. in the opening ...	Each 25/6
15×15 in. ,, ,, ...	14/-	30×12 in. ,, ,, ...	21/6
18×18 in. ,, ,, ...	17/-	30×18 in. ,, ,, ...	24/6
20×14 in. ,, ,, ...	16/-	30×24 in. ,, ,, ...	29/9
21×21 in. ,, ,, ...	21/-	30×30 in. ,, ,, ...	37/6
24×12 in. ,, ,, ...	17/6	36×24 in. ,, ,, ...	36/-
24×18 in. ,, ,, ...	22/-	42×42 in. ,, ,, ...	47/-

Keys for ditto, 7d. each extra.

Galvanizing ditto, 12/6 per cwt. extra.

C 3482.—Air Tight Manhole Cover and Frame, cover held down with 4 Gun-metal screws. Asbestos tape seating. Key holes or hand holes—

Sizes—12×12 in. in the opening	26/9 each.
15×15 in. ,, ,, ...	31/6 ,,
18×18 in. ,, ,, ...	35/6 ,,
20×14 in. ,, ,, ...	34/- ,,
21×21 in. ,, ,, ...	40/6 ,,
24×12 in. ,, ,, ...	36/- ,,
24×18 in. ,, ,, ...	41/9 ,,
24×24 in. ,, ,, ...	46/- ,,
30×12 in. ,, ,, ...	41/- ,,
30×18 in. ,, ,, ...	45/6 ,,
30×24 in. ,, ,, ...	51/9 ,,
30×30 in. ,, ,, ...	61/- ,,
36×24 in. ,, ,, ...	59/6 ,,
42×42 in. ,, ,, ...	75/- ,,

If with two gun-metal screws, 5/6 each less.
Galvanizing ditto, 12/6 per cwt. extra.

C 491.—Double Joint Air Tight Manhole Cover, with asbestos tape seating, and is also provided with a groove to be filled with grease, soft soap, or sand. Cover held down by four gun-metal screws—

Sizes—12×12 in. in the opening	34/9 each.
16×16 in. ,, ,, ...	43/6 ,,
22×22 in. ,, ,, ...	53/6 ,,
28×22 in. ,, ,, ...	63/6 ,,

C 493.—Air Tight Manhole, with asbestos tape seating, iron locking screw and key, made with flanges at top, or at bottom as drawn—

Sizes—11½×10½ in. in the opening.. ...	Painted. 24/- ...	Galvanized. 37/6 each.
18½×15½ in. ,, ,, ...	35/- ...	58/9 ,,
24 ×18 in. ,, ,, ...	45/9	76/9 ,,
24 ×21 in. ,, ,, ...	53/6 ...	86/9 ,,
30 ×18 in. ,, ,, ...	58/9 ...	90/- ,,
30 ×24 in. ,, ,, ...	63/6 ...	96/9 ,,

If the locking screw is of gun-metal and fitted with patent nut, 4/8 each extra.

C 488.—Step Irons for sewer entrances ... wrought iron, 1/8; galvanized, 3/4 each
C 489.—Ditto ditto ditto ... ,, 1/7; ,, 3/2 ,,
C 490.—Ditto ditto ditto ... cast iron, 11½d.; ,, 2/1 ,,

C 551.—Meter Cover and Frame, 18×9×2¼ in. ... ... 6/- ,,

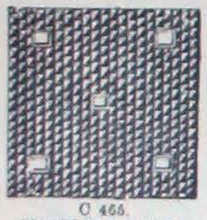
C 552.—Stop Tap Box, 6¼×5¼ in.... ... ... 2/6 ,,
Ditto, heavier, 5⅝×5¾ in. on top ... ... 4/- ,,

C 553.—Ditto, 7¼×6 in.... ... ... 2/8 ,,

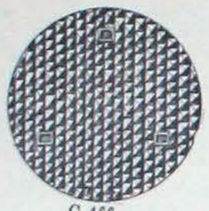
C 3483.—Ditto, 9½ in. square over flange, 6 in. square inside, to lock ... 5/- ,,

C 3484.—Ditto, 10 in. square over top, 9 in. square inside, to lock ... 8/- ,,

COAL PLATES, GARDEN AND STREET GRATINGS, &c.



C 465.
SQUARE COAL PLATE



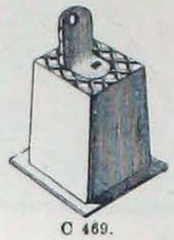
C 466.
ROUND COAL PLATE



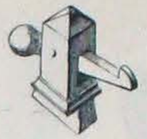
C 467
ILLUMINATING COAL PLATE



C 468.
CLOTHES POST SOCKET



C 469.
GATE STOP



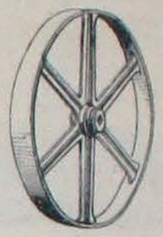
C 470
GATE CATCH



C 471.
TRUCK WHEEL



C 472
NEW NAVVY WHEEL



C 473.
BARROW WHEEL



C 474.
WATER GRATE



C 475.
WATER GRATE



C 476.
HALF ROUND
GARDEN GRATING.



C 477.



C 478
GARDEN GRATING AND FRAME



C 479.
ROUND BELL TRAP



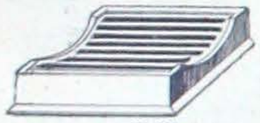
C 480.
SQUARE BELL TRAP



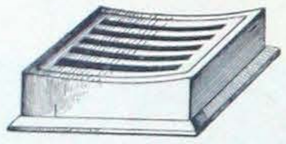
C 481
IMPROVED SINK TRAP



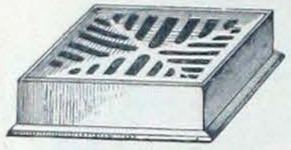
C 482.
SINK TRAP WITH HINGED GRATING



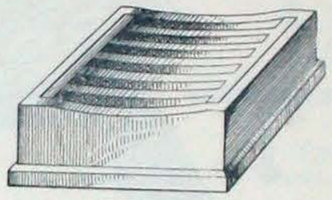
C 483.
CHANNEL GRATING



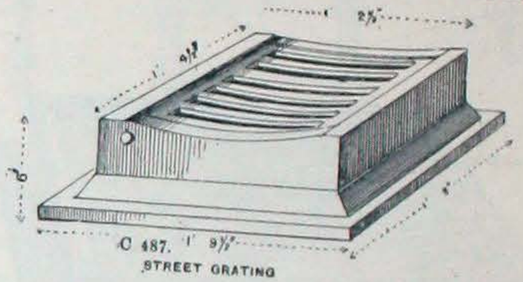
C 484.
STRONG GRATING AND FRAME.



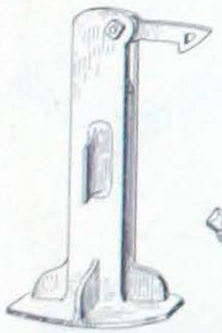
C 485.
STRONG GRATING AND FRAME.



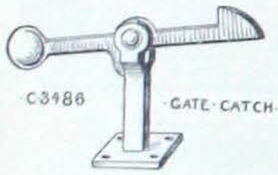
C 486.
HEAVY SEWER OR STREET GRATING.



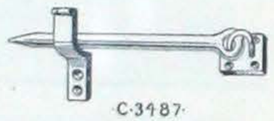
C 487.
STREET GRATING



C 3485.
GATE CATCH.



C3486 GATE CATCH.



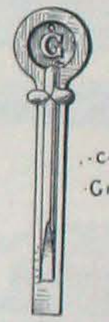
C 3487.
GATE CATCH.

C 3488
GATE CATCH.

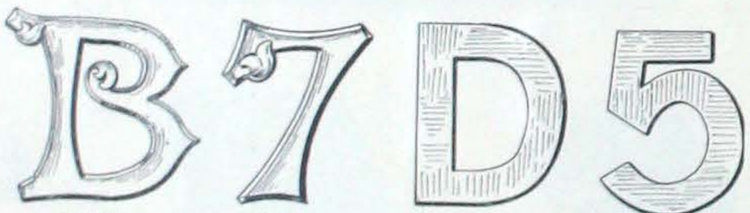
C 3489.
SELF-ACTING GATE STOP.



C 2236
GRATING FOR WARE TRAPS



C 3490.
GRAVE MARKER



C 3491 C 3492. C 3493. C 3494.
CAST IRON LETTERS AND NUMERALS.



C 3495.
STREET NAME PLATE.



C 3496.
STREET NAME PLATE.

C 465.—Square Coal Plates ... 12 in. 2/6, 14 in. 3/-, 16 in. 4/2, 18 in. 4/9 each.
Frames for ditto ... ... 14 in. 2/10, 16 in. 3/2, 18 in 4/- ,,
C 3503.—Ditto in frame, with ring, 15×15 in. in clear ... ... 9/6 ,,
C 3504.—Ditto, ditto, self fastening ... ... 10/- ,,
C 466.—Round Coal Plates ... ... 12 in. 1/8, 14 in. 2/6, 16 in. 2/10 ,,
C 467.—Illuminating Coal Plates, fitted with glass discs ... ... 12 / 6/8, 14 / 9/-, 16 / 11/-, 18 / 13/4 each.
C 468.—Clothes Post Socket ... ... 3 in., 5/10 ,,
C 469.—Gate Stops ... ... 8×7½ in. 6/3, 8½×7½ in. 6/-, 10×9½ in. 9/6 ,,
C 470.—Gate Catch ... ... 3/6 ,,
C 471.—Truck Wheels, 5in. dia. 1/-, 6in. 1/3, 8in. 2/10, 10in. 3/9, 12in. 4/6 per pair.
22/6 20/9 per cwt.
C 472.—New Pattern Navvy Wheel, 15½ in. dia., tyre 1 in. wide on plate, 2/6 each.
C 473.—Barrow Wheels ... ... 16 in. diameter 3/2, 18 in. 3/10 ,,
C 474.—Water or Drain Gratings, straight bars, 4 to 12 in., 18/9 per cwt., 2½d. per lb.
C 475.—Mitred ... ... 18/9 ,, 2½d. ,,
Ditto, galvanized ... ... 30/- ,, 4d. ,,
Ditto, heavy mitred, 6, 8, 10 in. square ... 15/6 ,,
Ditto, extra heavy ditto, 12 in. square ... 12/6 ,,
Wrought, straight bar ... ... 5 in. 2/- 6 in. 2/3 each.
C 476.—Half Round Garden Gratings ... ... 6½ in. 6d., 8 in. 8d. ,,

C 477.—Round Drain Gratings, rebated, 3, 4, 5in. dia., 21/6 per cwt., 2½d. per lb.
Ditto, 6, 7, 7½, 8, 9, 10, 10½, 12, 14in. dia., 18/- ,, 2½d. ,,
Ditto, not rebated, for earthenware sinks, ¼ in. thick—
3 in. 1/6 4 in. 1/9 5 in. 2/- 6 in. 2/9 per dozen.
C 478.—Garden Gratings and Frames, 6in. 1/3, 8in. 1/10, 10in. 2/6, 12in. 3/3 each.
C 479.—Round Bell Traps, oiled ... 3in. 4d. 4in. 6d. 5in. 8d. 6in. 1/- ,,
C 480.—Square Bell Traps, oiled ... ... 4 5 6 7 8 9 in.
Extra Gratings for ditto ... ... 6d. 8½d. 1/1 1/8 2/3 3/- each.
C 481.—Improved Sink Trap, oiled 6½d. 10d. 1/2 1/7 2/2 3/- 4/- 6/- each.
C 482.—Sink Traps, hinged gratings, oiled, 6in. 2/-, 7in. 2/4, 8in. 2/10, 9in. 3/10 ,,
C 483.—Channel Gratings ... ... 8 in. 3/3, 10 in. 5/-, 12 in. 7/- ,,
C 484.—Strong Grating and Frame, 12 in. square in grating, weight about 0 cwt., 3 qrs., 25 lbs. ... ... 10/- per cwt.
C 485.—Strong Grating and Frame, with mitred grating, 10 in. square in grating ... ... 15/6 ,,
Ditto, 12 in square in grating ... ... 12/6 ,,
Weight of 10 in., about 0 cwt., 1 qr., 10 lbs.; 12 in., about 0 cwt., 2 qrs., 8 lbs.
C 486.—Heavy Sewer or Street Grating—
14 in. square in grating, weight about 1 cwt., 2 qrs., 0 lbs., 9/6 per cwt.
18 in. ,, ,, ,, ,, 2 cwt., 1 qrs., 0 lbs., 9/3 ,,
20 in. ,, ,, ,, ,, 3 cwt., 3 qrs., 0 lbs., 8/3 ,,

C 487.—Street Gratings, hinged { 16½×14¾×6 in. at top ... ... 30/- each. / 14½×12 ×6 in. at top ... ... 23/- ,, / 13½×13½×2¾ in. at top ... ... 12/6 ,, }
C 3485.—Cast Iron Gate Catch, for iron gates ... ... 9/- ,,
C 3486.—Malleable Iron ditto, for wood Gates, with 2 striking plates, 6/- ,,
C 3487.—Ditto ... ... 12 in. 1/3, 14 in. 1/6 ,,
C 3488.—Ditto, with two striking plates 11 in. long ... ... 2/6 ,,
C 3489.—Self Acting Rising and Falling Gate Stop— *Extra strong.
3½×3½ 7½×6½ 9½×7½ 10½×7¼* 12×8¾ 16×13 in.
4/6 9/- 11/- 13/9 16/6 33/- each.
C 2236.—Gratings for Earthenware Traps .. ... 5 in. 8/6, 6 in. 9/6 per doz.
C 3490.—Grave Marker, prices on receipt of specification of quantities and lettering.
C 3491-4.—Cast Iron Letters and Numerals, plain block and ornamental. These Letters are now very much used for signboards and other facia advertising. They are usually drilled for fixing with wood screws, but can be had with batts at slight extra cost. Prices of Signboards made up of above Letters, fixed to wrought iron bars, on application.

	4	6	9	12	16	20	24 in.
Black	8½d.	11d.	1/5	2/-	3/-	4/10	6/- each.
Porcelain Enamelled	2/2	2/9	3/10	5/8	9/-	13/10	19/3 ,,
Metallic Enamelled in Colours	1/10	2/2	3/4	4/6	7/3	9/8	13/3 ,,
Metallic Enamelled, relieved with Gold	2/9	3/-	4/10	7/3	10/3	12/8	16/3 ,,

C 3495.—Cast Iron Street Name Plates (Prices on receipt of specification of
C 3496.—Ditto ditto ditto) quantities, sizes, and lettering.

Further details will be sent on receipt of requirements.


C 522.


C 523.


C 524.


C 525.


C 526.


C 527.


C 528.


C 529.
C 2290 & C 2291.


C 530.

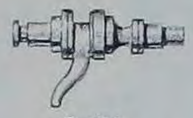

C 531.


C 532.


C 533.


C 534
C 2302 & C 2303.


C 535.


C 536.


C 537.


C 538.


C 539.


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C 541.


C 542.


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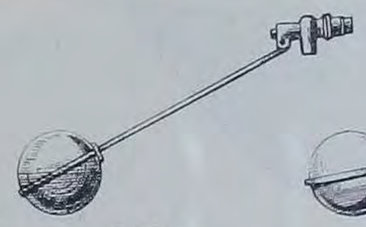

C 548.

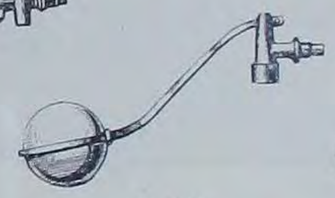

C 549.

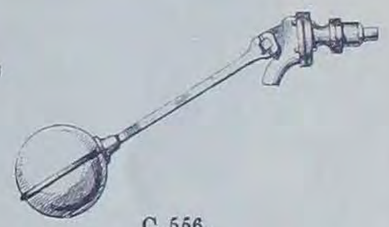

C 550.


C 2295 & C 2299.


C 2306 & C 2309.


C 554.


C 2321.


C 556.

	½	⅝	¾	1	inch.
C 522.—Gun-metal Range Cock, strong, long tail ...	4/6	6/-	7/6	12/-	each.
C 520.—Brass ditto, light, long tail	3/-	3/8	4/3	6/9	,,
C 523.—Brass Range Cock, light, screwed for iron pipe	2/9	3/8	4/6	6/9	,,
C 524.—Best Gun-metal Range Cock, with loose plate, proved to 40 lbs. steam, short tail, screwed for iron pipe... ...	¾ in. 11/-; 1 in. 16/9 each.				
C 525.—Gun-metal Bib Valve, wheel top, tested to 100 lbs. per square inch—	½	¾	1	1¼	inch.
Screwed for iron pipe	5/-	6/3	8/6	11/-	each.

C 526. —Gun-metal Stop Valve, wheel top, tested to 100 lbs. per square inch—

	½	¾	1	1¼	1½	2	inch.
Screwed for iron pipe ...	5/-	6/3	8/6	11/-	13/9	20/-	each.

C 527.—Plain End Stop Valve ... ... ⅜ in. 2/10; ½ in. 3/6 each.
Best Quality Plain End Stop Valve, ¾ in. 4/3; ½ in. 4/9; ¾ in. 7/6 each.

C 528.—Best Quality Plain End Stop Valve, china centre, labelled "hot" or "cold" ... ... ½ in. 4/6 each.

	⅜	½	¾	1	inch.
C 529.—High Pressure Stop Cock, plain ends	24/6	29/6	51/6	81/-	doz.
	2/2	2/8	4/6	7/-	each.
Ditto, screwed female for iron ...	—	34/6	60/-	93/6	doz.
	—	3/-	5/3	8/3	each.
	⅜	½	¾	1	inch.
C 2290.—Ditto, lighter, plain ends	18/-	20/-	33/-	doz.	
	1/7	1/9	2/11	each.	
C 2291.—Ditto, screwed female for iron	20/6	22/6	35/6	doz.	
	1/10	2/-	3/2	each.	
C 2295.—High Pressure Stop Valve, china centre, labelled "hot" or "cold," plain ends	⅜	½	¾	inch.	
	2/3	2/8	3/9	each.	
C 2296.—Ditto, ditto, screwed female for iron ...	...	3/-	4/3	,,	
C 2297.—Ditto, best quality, plain ends	...	4/3	6/3	,,	
C 2298.—Ditto, ditto, screwed female for iron ...	...	4/6	6/9	,,	
C 2299.—Ditto, ditto, plain ends, with union for lead	...	4/9	7/3	,,	
	⅜	½	¾	1	inch.
C 530. —Screwed Bottom Stop Cock. plain ends	19/-	20/6	31/-	54/6	doz.
	1/8	1/10	2/9	4/10	each.
Ditto, screwed for iron	—	27/-	41 -	69/6	doz.
	—	2/5	3/8	6/2	each.
			⅝	½	inch.
C 531. —High Pressure Bib Valve, screwed boss ...	...		23/-	33/6	doz.
			2/1	3/-	each.
Ditto, for iron pipe			21/6	31/3	doz.
			1/11	2/9	each.

	⅜	½	¾	1 inch.
C 532. —Basin Bib Valve, screwed boss, porcelain label, "hot" or "cold"—	⅜ in. 4/-; ½ in. 4/9 each.			
	½	¾	1	inch.
C 533. —Bib Valve, screwed boss, horn knob, for hot water	5/6	6/8	11/-	each.
Ditto, for iron pipe	5/3	6/3	10/-	,,
	⅜	½	¾	inch.
C 534. —High Pressure Bib Valve, screwed boss ...	24/9	29/6	45/-	doz.
	2/3	2/6	4/-	each.
Ditto, for iron pipe	22/6	26/3	40/-	doz.
	2/-	2/3	3/6	each.
	⅜	½	¾	1 inch.
Best quality ditto, screwed boss ...	31/6	38/6	66/-	103/- doz.
	2/9	3/4	5/9	9/- each.
Ditto, for iron pipe	27/6	33/-	57/-	88/- doz.
	2/5	2/11	5/-	7/9 each.
	⅜	½	¾	inch.
C 2302.—High Pressure Bib Valve, screwed boss ...	21/6	24/6	39/-	doz.
	1/11	2/2	3/6	each.
C 2303.—Ditto, screwed for iron	19/-	21/-	35/-	doz.
	1/8	1/11	3/2	each.
C 2306.—High Pressure Bib Valve, china centre, labelled "hot" or "cold," screwed boss	30/-	33/-	50/6	doz.
	2/8	2/11	4/6	each.
C 2307.—Ditto, ditto, screwed for iron		29/6	46/-	doz.
		2/8	4/2	each.
C 2308.—Ditto, ditto, best quality, screwed boss ...		4/6	7/-	,,
C 2309.—Ditto, ditto, ditto, screwed for iron ..		4/3	6/6	,,
C 535.—Diaphragm Bib Valve, best quality, screwed boss	5/6	7/6	—	,,
C 536.—Self-closing Bib Valve, screwed boss	2/9	3/6	4/3	,,
C 537.—Careless Bib Valve, with lead ball, screwed boss	6/9	8/3	—	,,
	⅜	½	¾	1 inch.
C 538.—Screwed Bottom Bib Cock, screwed for iron	20/6	23/6	35/6	61/- doz.
	1/10	2/1	3/2	5/6 each.

C 539.—Gun-metal Screw Down Lavatory Valve, china label, "hot" or "cold," ½×2¼ in. projection, 4/9; ¾×2⅝ in. projection, 8/6 each.
Do., Nickel plated, ,, ,, 5/6; ,, ,, 9/9 ,,

C 3510.—Ditto, light, red metal, ½ in. × 1⅜ in. projection ... ... 3/6 each.
Do., Nickel plated ,, ,, ,, ... 5/3 each.

C 540. —Self-closing Lavatory Valve, with I.R. buffer for tip-up basins, china label, lettered "hot" or "cold"—
¾ in. × 2½ to 3 in. projection, brass, 8/3; Nickel-plated, 10/6.
Other projections to order.

C 541. —Sink Plug and Washer, with grating 1½ in. 1/1; 2 in. 1/5; 2½ in. 2/- each.

C 542. —Basin Plug & Washer, with union & I.R plug ¾ in. 1 in.
Size of Flanges ... ... 2 or 2½ in. 2/7; 2½ or 2¾ in. 2/9 each.

	2	2½	3	3½	4	5	inch.
C 543. —Grating for Lead Trap	2/6	3/9	5/-	6/3	10/-	15/9	doz.
	3d.	4½d.	5½d.	7d.	11d.	1/5	each.

C 544. —Cap and Lining for connecting Lead Pipe to Iron	½	¾	1 inch.
	3/9	7/6	9/6 doz.
	4½d.	8½d.	10½d. each.
C 545. —Union for Iron Pipe	17/-	22/-	36/- doz.
	1/7	2/-	3/3 each.
C 546. —Boiler Overflow Screw	6/3	9/6	13/9 doz.
	7d.	10½d.	1/3 each.
C 547. —Boiler Joint	9/6	14/6	18/6 doz.
	10½d.	1/4	1/9 each.
C 548. —Union Female for Iron and Lead Pipe ...	10/6	16/6	26/6 doz.
	1/-	1/6	2/6 each.
Ditto, Male for Iron and Lead Pipe ...	10/-	15/6	25/6 doz.
	11d.	1/5	2/5 each.

C 549. —Drainer for Soap Dishes of Marble Lavatory Top—
½ inch lead, brass, 2/9; electro-plated, 4/- each.

C 550. —Brass Trunnion and Socket, with lead pin, for Tip-up Lavatory Basin, 3/- per set.

	⅜	½	¾	inch.
C 554. —New Pattern Ball Valve, copper ball, screwed boss	28/-	40/6	79/6	doz.
	2/6	3/8	7/-	each.
Ditto, for iron pipe	26/6	38/6	73/6	doz.
	2/4	3/6	6/6	each.
Ditto, with long screw, nut and union, for iron cisterns	—	40/6	—	doz.
	—	3/8	—	each.
C 2321.—Equilibrium Ball Valve, copper ball, screwed boss	⅜	½	¾	1 inch.
	2/9	3/8	5/6	8/3 each.
Ditto, for iron pipe	2/7	3/4	5/-	7/6 ,,

C 556. —High Pressure Ball Valve, copper ball—

Screwed boss	7/9	8/3	10/9	18/-	,,
For iron pipe	7/6	8/-	10/3	16/-	,,

Special dozen prices on application.

BATHS AND BATH FITTINGS.



C 3497.



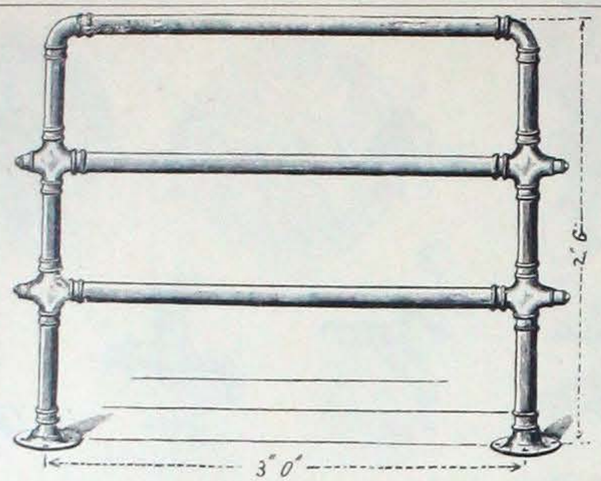
C 3498.

C 3497.—Bent Overflow,

1¼ in., 2/- each.

C 3498.—Bent Plug and Washer with Union trap and cleansing screw,

1¼ in., 5/2 each.



C 3505.—Improved Hot Water Towel Rail, made of 1½ in. polished copper tube with gun metal mountings.
Size, 36 in. long × 30 in. high ... ... £6 7 6 each.
Can be made any size to order, price on application.

C 503.—Improved Combined Bath Valves, hot, cold, and waste, complete with stand pipe, waste grating, and trap, overflow through plug.

Sizes	¾	1 inch.
	27/9	31/6 per set.

Ditto ditto for cold and waste only.

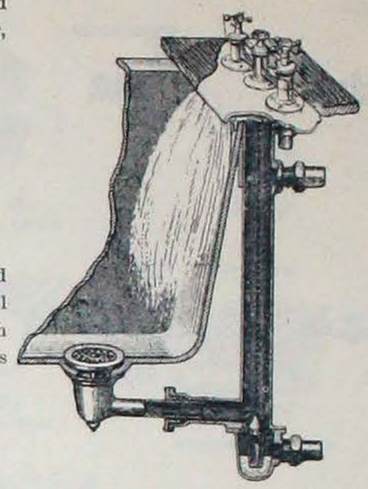
Sizes	¾	1 inch.
	24/3	27/9 per set.

C 504.—Improved Combined Bath Valves, hot, cold, and waste, with interlocking fittings to suit Bristol Water Company's regulations, complete with stand pipe, waste grating, and trap, overflow as drawn.

Sizes	¾	1 inch.
	34/-	38 9 per set.

Ditto ditto for cold and waste only.

Sizes	¾	1 inch.
	26/-	30/6 per set.



C 504.



C 505.



C 506.

C 505.—Bent Plug and Washer, with union.

1¼ in., 4/6; 1½ in., 6/6 each.

C 3499.—Do. light, 1¼ in., 3/4 each.

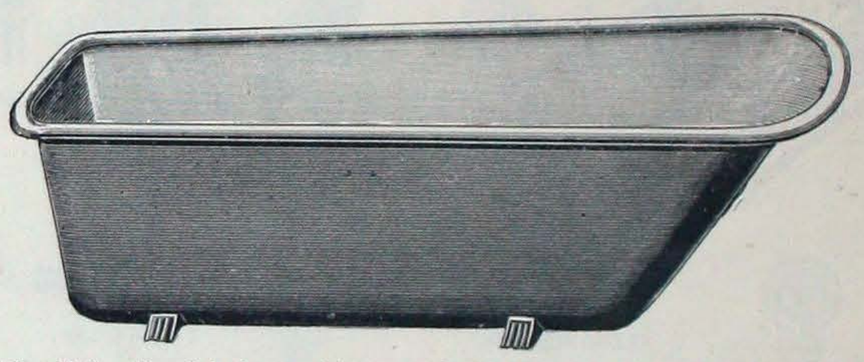
C 506.—Bent Bath Waste, with union

1¼ in., 4/- 1½ in. 5/9 each.



C 3510.—Cast Iron Bath, for wood casing, prepared for plug and washer or waste grating in bottom, finished in any colour.

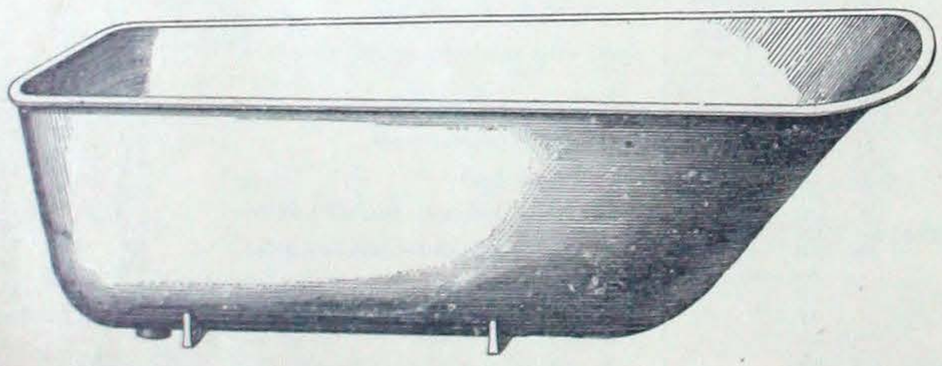
Sizes. ft. in.	Inside Measurements. Length. ft. in.	Extreme Width. ft. in.	Depth. ft. in.	Japanned.	2nd Quality Enamel.	Best Quality Enamel.
5 0	4 10⅜	2 0½	1 5½	33/9	47/6	63/-
5 6	5 4½	2 2½	1 8	35/6	53/6	72/6
6 0	5 10	2 2½	1 8	46/6	65/-	82/6



C 3511.—Cast Iron Bath, with rolled edge, requiring no woodwork, prepared for plug and washer, or waste grating in bottom, finished in any colour.

Sizes. ft. in.	Inside Measurements. Length. ft. in.	Extreme Width. ft. in.	Depth. ft. in.	Japanned.	2nd Quality Enamel.	Best Quality Enamel.
5 0	4 10½	2 0½	1 5½	42 9	60/-	77/6
5 6	5 4½	2 1	1 7½	46/6	67/6	85/-

Decorated outside, from 7/6 extra.



C 508.—Cast Iron Bath for wood casing, prepared for plug and Washer or waste grating in bottom. Finished in any colour.

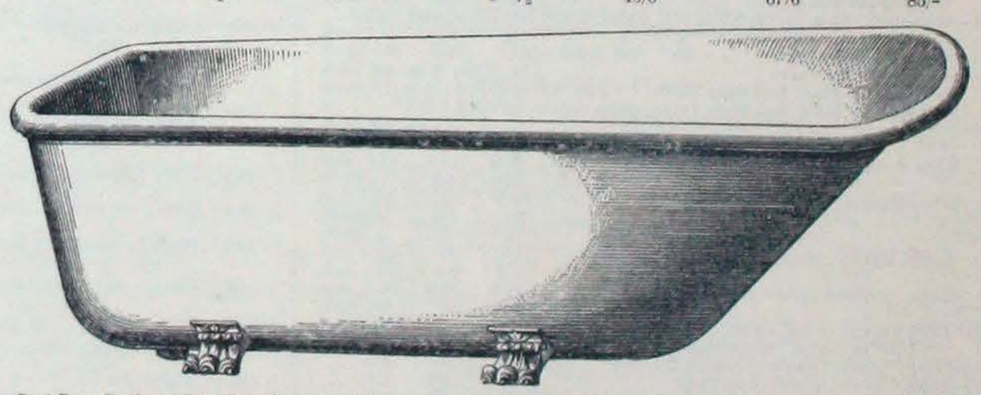
Length		Width at Shoulder.		Width at Foot.		Depth.	Japanned.	2nd Quality Enamel.	Best Quality Enamel.
5 ft.	×	2 ft.	×	1 ft. 5½ in.	×	1 ft. 7 in.	40/-	59 3	70/6
5 ft. 6 in.	×	2 ft. 2 in.	×	1 ft. 6⅝ in.	×	1 ft. 8½ in.	41/6	60 9	72/6
6 ft.	×	2 ft. 2½ in.	×	1 ft. 7½ in.	×	1 ft. 9 in.	50/9	72/6	85/3

Measurements are in clear.

C 509.—Ditto, ditto, size 5 ft. 6 in. long × 20¼ in. deep × 27 in. wide at shoulder × 21 in. wide at foot, all in clear.

Japanned.	3rd Quality Enamel.	2nd Quality Enamel.	1st Quality Enamel.	1st Superior Enamel.
45/6	54/6	72 9	91/6	111/6

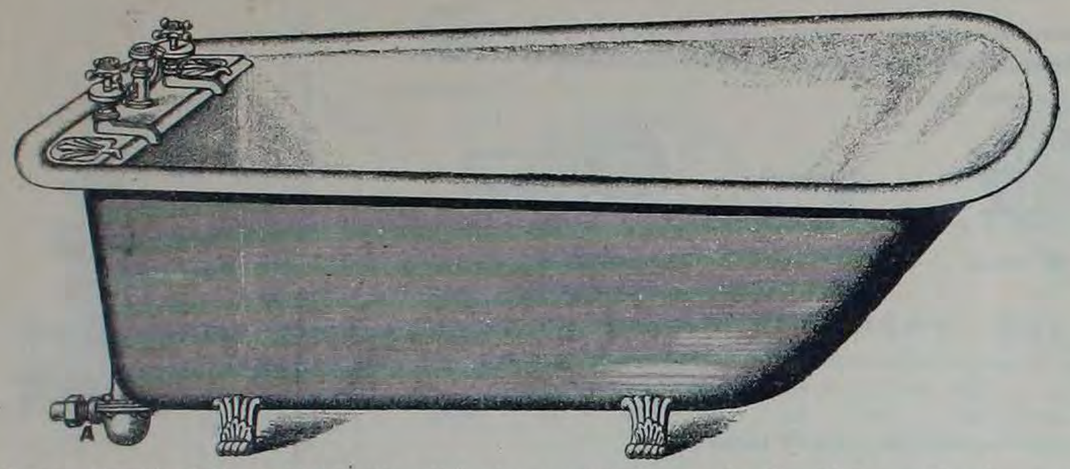
C 510.—Ditto, ditto, White Porcelain Enamel, size 5 ft. 6 in. long × 19 in. deep × 26 in. wide at shoulders × 19 in. wide at foot, all in clear. Price £6 15 6.



C 511.—Cast Iron Bath, with rolled edge, requiring no woodwork, prepared for plug and washer or waste grating in bottom.

Length.		Width at Shoulder.		Width at Foot.		Depth.	Japanned.	2nd Quality Enamel.	Best Quality Enamel.
5 ft.	×	2 ft. 1 in.	×	1 ft. 6½ in.	×	1 ft. 8 in.	55/6	73/-	89/-
5 ft. 6 in.	×	2 ft. 2½ in.	×	1 ft. 7⅝ in.	×	1 ft. 8½ in.	59/9	78/-	93/3
6 ft.	×	2 ft. 3½ in.	×	1 ft. 9 in.	×	1 ft. 9 in.	70/6	91/9	111/-

Decorated outside, from 7/6 extra.



C 513.—Combined Taper Bath, with rolled edge, requiring no woodwork, with hot, cold and waste fittings, and soap dishes, waste and overflow in one piece with bath.

Length, 5 ft. 6 in. inside rolled edge.	Metallic Enamelled.	Metallic Enamelled.	Porcelain
Japanned.	2nd Quality.	1st Quality.	Enamelled.
£4 12 9	£6 6 0	£7 8 0	£9 8 6

Interlocking Fittings and Overflow, as drawn, to suit Bristol Water Company's regulations, 11/6 extra.
Adjustable Trap marked A which may be turned round to any position, 2/9 extra.
Nickel Plating of Brass Work, 4/- per bath extra. Graining or decorating outside of Roll Edge Baths, 16/- extra.

C 3512.—Ditto, ditto, ditto, with cold and waste fittings only, prepared for connecting to gas water heater.

Sizes.	Inside measurements. Length.	Extreme width.	Depth.			
ft. in.	ft. in.	ft. in.	ft. in.	Japanned.	Metallic Enamelled. 2nd Quality.	Metallic Enamelled. 1st Quality.
5 0	4 11	2 0½	1 5½	£4 12 6	£5 7 6	£6 7 6
5 6	5 4½	2 1	1 7½	£4 16 0	£5 12 6	£6 15 0

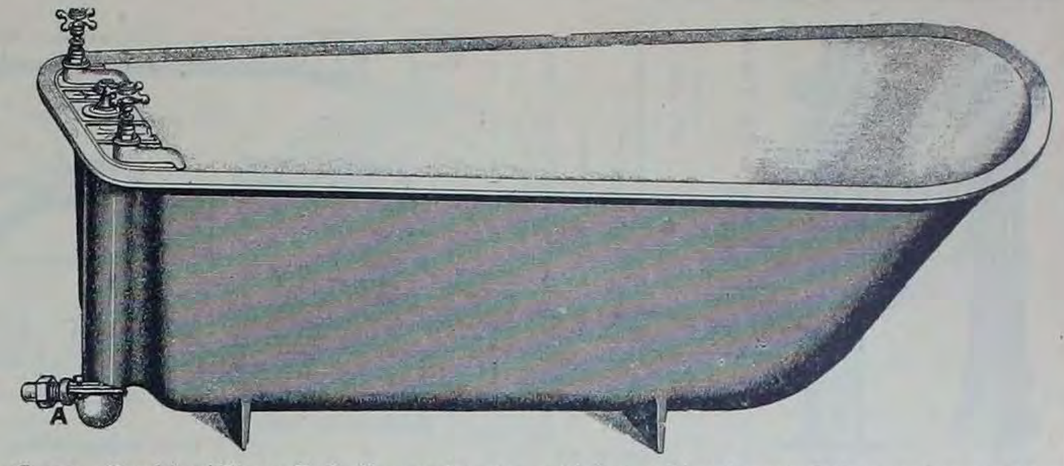
Graining or Decorating outside, from 7/6 extra. Nickel Plating of Brass Work, 5/6 extra.



C 3515.—Combined Taper Bath, with walnut or mahogany capping, decorated or grained outside, hot, cold and waste fittings, and soap dishes, trapped waste and overflow in one piece with bath. Length 5 ft. 6 in. inside.

Japanned.	Metallic Enamelled. 2nd Quality.	Metallic Enamelled. 1st Quality.
£7 10 0	£8 15 3	£9 17 6

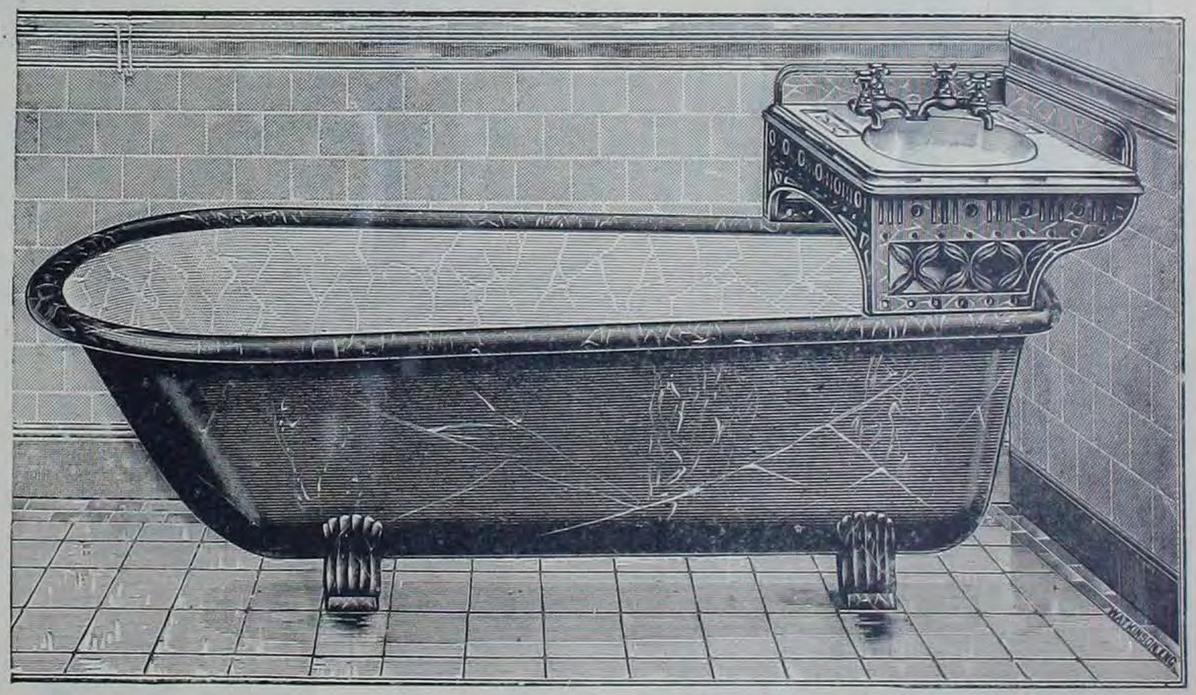
If bath plain outside, 10/- less.
Interlocking Fittings and Overflow, to suit Bristol Water Company's regulations, 13/3 extra.
Nickel Plating of brass work, 4/6 extra.



C 512.—Combined Taper Bath, for wood casing, with hot, cold and waste fittings, and soap dishes, waste and overflow in one piece with bath. Length, 5 ft. 6 in. inside rim.

Japanned.	Metallic Enamelled. 2nd Quality.	Metallic Enamelled. 1st Quality.	Porcelain Enamelled.
£3 18 9	£5 12 6	£6 13 6	£8 7 6

Adjustable Trap (marked A) which may be turned round to any position, 2/9 extra.
Interlocking Fittings and Overflow, to suit Bristol Water Company's regulations, 11/6 extra.
Nickel Plating of Brass Work, 4/- extra.



C 3516.—Patent Combination Bath, marbled outside, and Lavatory.

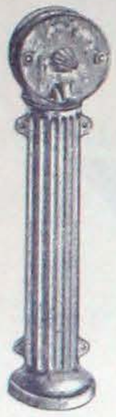
Sizes:—Bath, 5 ft. 6 in. long inside × 20 in. deep; Ivory Earthenware Lavatory Basin, 24½ in. × 20½ in., complete with hot and cold taps, plug and overflow, made either right hand, as drawn, or left hand; outside of bath, next wall, is not decorated.

Japanned.	Metallic Enamelled. 2nd Quality.	Metallic Enamelled. 1st Quality.
£8 4 6	£9 5 0	£10 4 0

If bath plain outside, 8/6 less. Nickel Plating of brass work, 8/6 extra.

Further details will be sent on receipt of requirements.

FIRE EXTINGUISHING APPLIANCES.



T 569.



T 570.

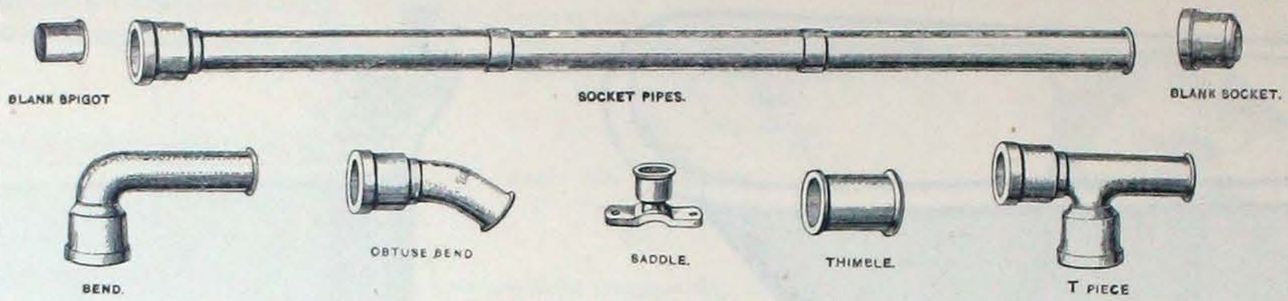
T 569.—Water Pillar for fixing to wall, with self-closing cock.

Size of cock	..	⅜	¾ inch.
		20/-	22/9 each.

T 570.—Do., do., with ½ in. high pressure loose valve cock, with square top plug, 13/3 each.

Keys for ditto, 2/9 dozen.

T 571.—Do., do., larger, without ears, size of cock ½ in., 18/9 each.



SOCKET PIPES FOR WATER OR GAS.

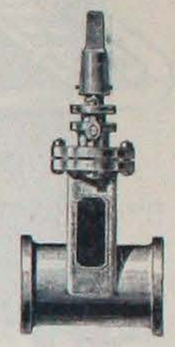
Proved at Works, 1 inch to 200 feet, and 1½ inch and above to 300 feet of Water Pressure.

Inside diameter	1½	2	2½	3	4	5	6 inch.
Weight per yard, about	15	21	28	32	50	70	86 lbs.

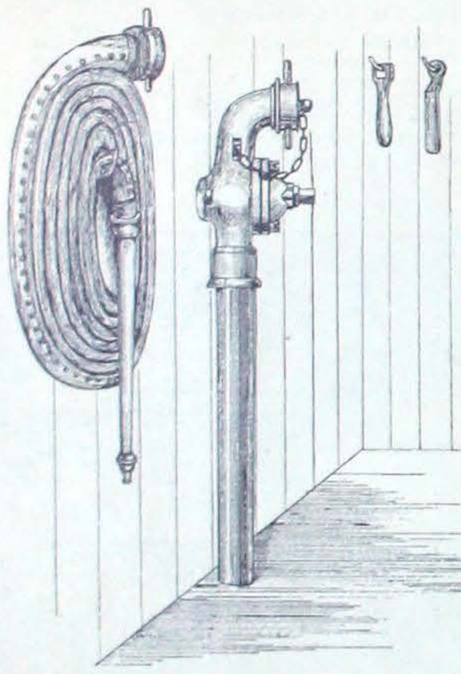
Prices on application, stating size and quantity; also prices for heavier pipes.

T 572.—Sluice Valve with four Gun Metal Faces, either with flange or socket ends, proved to a pressure of 600 feet.

2	2½	3	4	5	6 inch.
34/3	41/3	48/-	63/3	79/9	96/3 each.



T 572.



T 573.

T 573.—Brass Fire Valve, for internal work, with square head for loose key, screwed for wrought pipe.

	1½	2	2½ inch.
	37/6	53/-	99/3 each.
Extra if with brass wheels	5/6	6/-	8 6 ,,

2 in. Valve screwed for 2½ in. Brigade outlet, 13/- extra.

T 574.—Best Quality Copper Rivetted Leather Delivery Hose. 2 inch, 3/-; 2½ inch, 3/6 per foot.

T 575.—Woven Canvas Hose in 50 or 100 feet lengths ... | 1½ | 1¾ | 2 | 2½ | 2¾ | 2¾ inch.
5½d. | 6½d. | 7d. | 8d. | 9d. | 10d. per foot.

Superior quality, rubber lined ... | 1/6 | 1/9 | 2/- | 2/3 | 2/6 | 2/9 ,,

When ordering Canvas Hose to fit own Hose Screws, state external diameter of Screws.

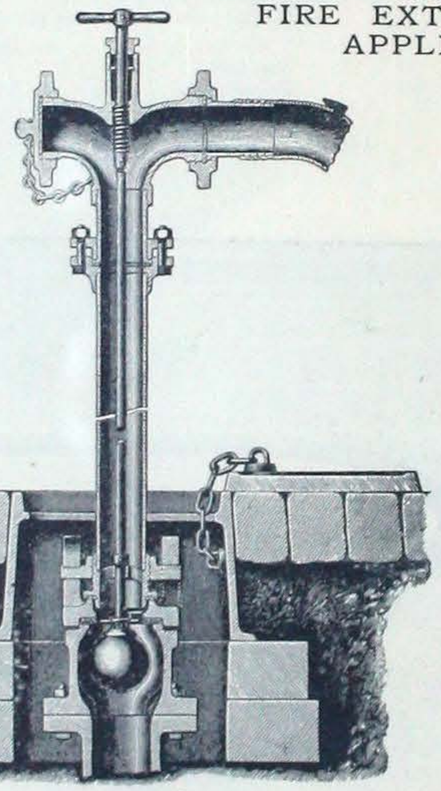
T 576.—Copper Hand Pipe, screwed to any ordinary size thread, with gun metal jet, 30/-.

T 577.—Strong Gun Metal Hose Couplings | 1½ | 2 | 2½ inch.
9/- | 13/3 | 17/3 per pair.

Coupling Wrench for 1½ and 2 in., 5/6; 2½ in., 7/- each extra.

Tying couplings on hose | 1½ | 2 | 2½ inch.
3/6 | 4/3 | 5/- pair extra.

FIRE EXTINGUISHING APPLIANCES.



T 579.

T 579.—Patent Ball Hydrant or Fire Cock ... ... 9/6 each.

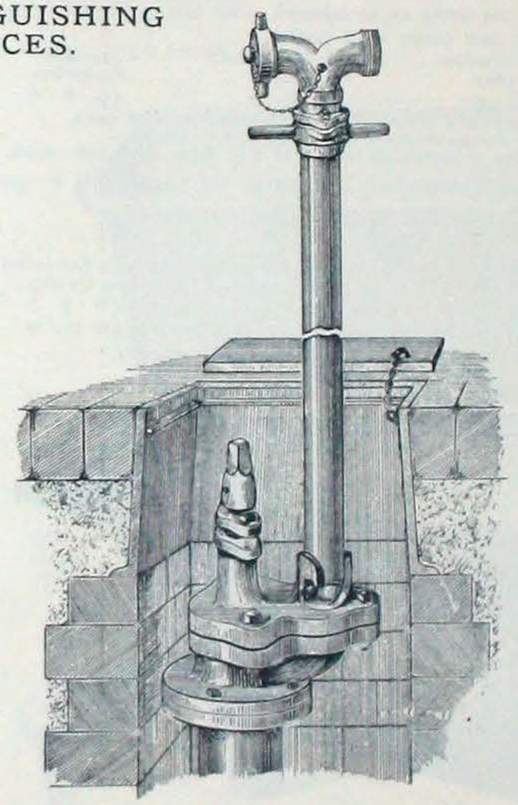
Do. do., with socket elbow to suit | 2 | 2½ | 3 | 4 inch pipe.
1 1/3 | 13/9 | 14/9 | 15/3 each.

	Single Outlet.	Double Outlet.
Copper Stand Pipe for above to suit either 2 or 2½ inch hose	78/6	91/9 each.

Surface Boxes for do., small pattern, 7 3; large pattern, 8/9.

Extra for Chained Lid, 4d. Hinged Lid, 4d.

Hinged, to lock with turnbuckle, 1/-.



T 580.

	2	2½ inch.
T 580.—Patent Screw-down Hydrant Valve	24/9	25/3

If with Gun Metal Hose Screw Outlet, 8/3 extra.

Copper Standpipe for above to suit either 2 or 2½ in. hose—

	for 2	2½ inch Valves.
Single discharge outlets	60/-	68/9 each.
Double do. do.	68 9	80/- ,,

Surface boxes for do., small pattern, 9/3; large pattern, 12/6.

Extra for Chained Lid, 4d. Hinged Lid, 4d.

Hinged, to lock with turnbuckle, 1/-

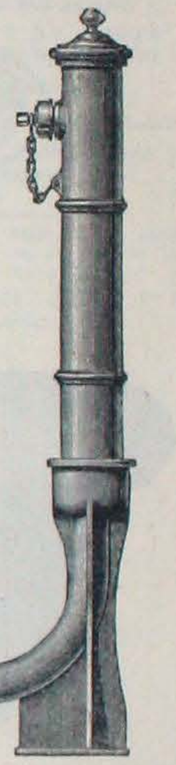
Tee Piece for connecting Hydrants to Mains with spigot and socket ends.

Diameter of pipe	2	2½	3	4	5	6 inch.
	5/6	6 -	8/3	9/9	12 6	16/6 each.

Elbow Piece, with Flange for connecting Hydrants to socket ends of main.

2 in., 4/9 2½ in., 5/3 3 in., 6/- 4 in., 7/- each.

Bolts and nuts and I. R. washers for attaching hydrants to flanges, 1/6 set.



T 581.

T 581.—Street Watering Post or Yard Hydrant, with sluice valve, frost cock, elbow, and gun metal hose screw, outlet at side or top, iron cap and chain.

Size of valve ... 2 in., 103/3; 2½ in., 111/3 each.

Street Surface Boxes to cover sluice valve screw, 8/3 each.

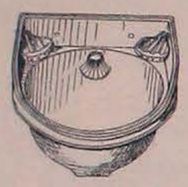
Wrought iron swan-neck pipe, with gun metal half coupling for filling water carts from top of posts, 26/- each.

T 582.—Half Round Stand Post, to fix against wall, with 2½ in. gun metal hose screw, iron cap and chain, no bend or valve, 46/9 each.

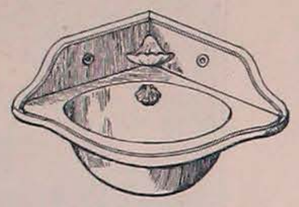
Patent Globular Iron Stop Valve to suit ditto, with 2 in. socket ends, 35/6 each.

Extra for ¾ bib cock to T 582 post to form bucket cock, 8/3 each.

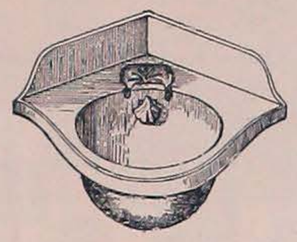
Further details and designs will be sent on receipt of requirements.



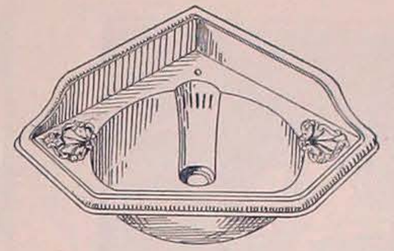
C 3520.—Earthenware Lavatory Basin.
Size of top 13 in. × 13 in., basin inside 11 in.
White ... ... 7/6 each.



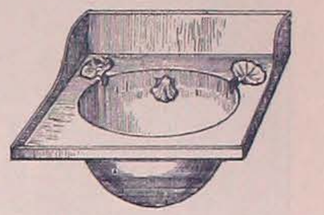
C 585.—Earthenware Angle Lavatory Basin.
Size—20 in. wide × 14½ in. length of side, basin inside 14 in.
White ... ... 11/- each.



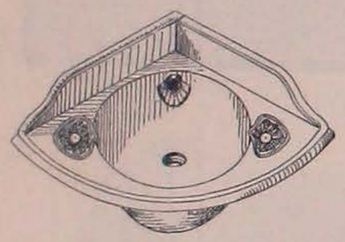
C 586.—Earthenware Angle Lavatory Basin.
Size—20½ in. wide × 14½ in. length of side, basin inside 16 × 13 in.
White ... ... 18/9 each.



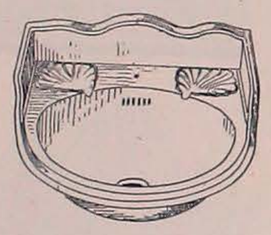
C 587.—Earthenware Angle Lavatory Basin with oval basin.
Size—27 in. wide × 19 in. length of side, basin inside 15½ × 12 in.
White ... ... 27/- each.



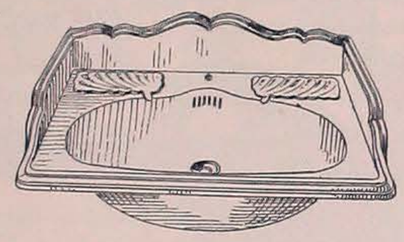
C 588.—Earthenware Lavatory Basin.
Size of top 18 in. × 18 in., basin inside 13½ in.
White ... ... 18/9 each.



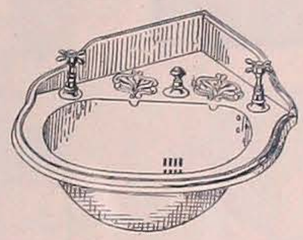
C 3521.—Earthenware Angle Lavatory Basin with oval basin.
Size—24 in. wide × 17 in. length of side, basin inside 13½ × 11½ in.
White ... ... 24/- each.



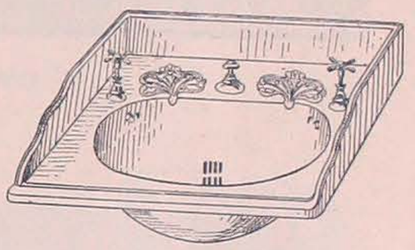
C 3522.—Earthenware Lavatory Basin, with oval basin 14 in. × 11½ in. wide.
Size of top 18 × 18 in.
White . ... 18/9 each.



C 589.—Earthenware Lavatory Basin, with oval basin 21 × 14½ in. inside.
Size of top 27 × 19 in.
White ... ... 30/6 each.
Do., do., basin 17 in. × 11½ in., Size of top 22 × 16 in.
White .. ... 21/3 each.



C 3523.—New Pattern Earthenware Angle Lavatory Basin, complete with ½ in. hot and cold taps, and lift-up waste, with oval basin.
Size—23 in. wide × 19½ in. length of side, basin inside 16 × 11½ in.
White ... ... 73/6 each.
If fittings nickel-plated, 3/9 extra.

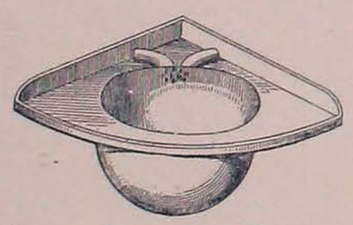


C 3524.—New Pattern Earthenware Lavatory Basin, complete with ½ in. hot & cold taps, and lift-up waste, with oval basin.
Size of top 27 in. × 20 in., basin inside 19 × 13 in.
White ... ... 80/- each.
If fittings nickel-plated, 3/9 extra.

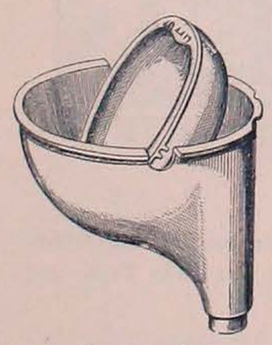
Above can be supplied with Holes for Taps at same prices.



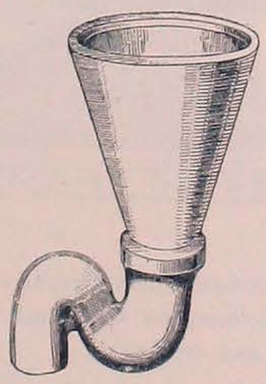
C 594.—Lavatory Basin with plug hole and overflow.
White earthenware.
Called 13 14 15 16 17 in.
Measures in clear
12 13 14 15 16 in.
Prices 3/3 4/6 5/6 7/3 10/- each
Ditto, enamelled iron
Sizes to fit holes
12¼ 13 14 15 in. dia.
Outside diameter of flange
13½ 14½ 15½ 16¾ in. ,,
Prices 6/6 7/9 9/- 10/3 each.



C 595.—Angle Enamelled Iron Lavatory Basin with plug hole and overflow.
Size—25 in. wide × 17 in. length of side, basin inside 10¾ in., 14/3 each.
Size—27 in. wide × 19 in. length of side, basin inside 12 in., 20/6 each.



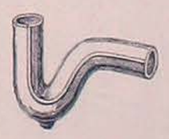
C 596.—Improved Tip-up Earthenware Lavatory Basin and Receiver.
Size 14 16 in. basin.
White 25/6 37/- each.
Marbled 27/- 39/- ,,



C 597.—Housemaid's Slop Hopper and Trap.
White glazed with loose grating, 9/9 each.



C 598.—Housemaid's Slop Receiver and Trap.
White glazed with loose grating, 11/6 each.
Ditto, Cane, 9/3 each.



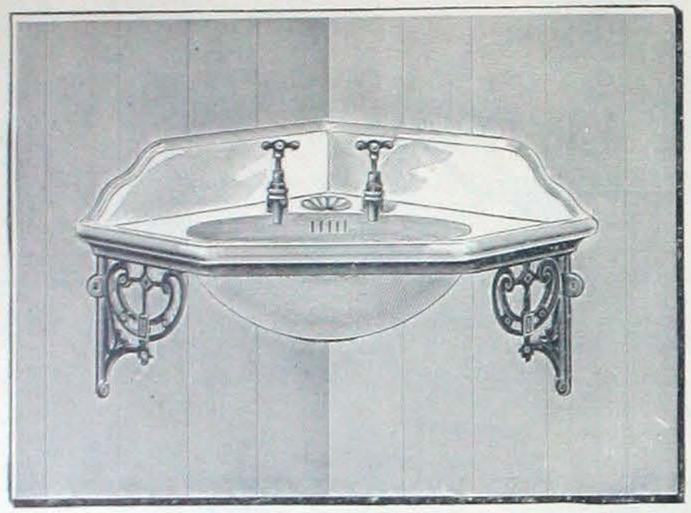
C 600.—Lead P. Trap with cleaning screw.
Size 1¼ 1½ 2 in.
Prices 2/3 2/6 3/9 ea.



C 601.—Lead S Trap, with cleaning screw.
Size 1¼ 1½ 2 in.
Prices 2/6 2/9 4/- ea.

Further details will be sent on receipt of requirements.

LAVATORY BASINS AND FRAMES.



C 3530.

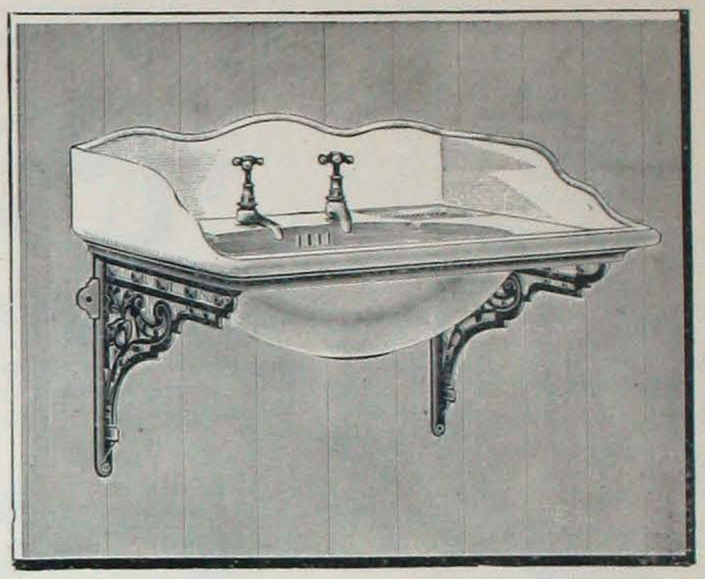
C 3530.—White China Lavatory Basin, and Painted Iron Frame, complete with ½ inch Hot and Cold Taps, and Plug and Washer.

Outside dimensions of China, 27 in. wide × 19 in. length of side.
Inside dimensions of Basin, 15½ in. × 12 in.

Price complete ... 42/-

C 3531.—White China Lavatory Basin, and Painted Iron Frame, complete with ½ inch Hot and Cold Taps, and Plug and Washer.

Outside dimensions of China	...	27 in. × 19 in.
Inside dimensions of Basin	...	20 in. × 14 in.
Price complete	...	50/-



C 3531.



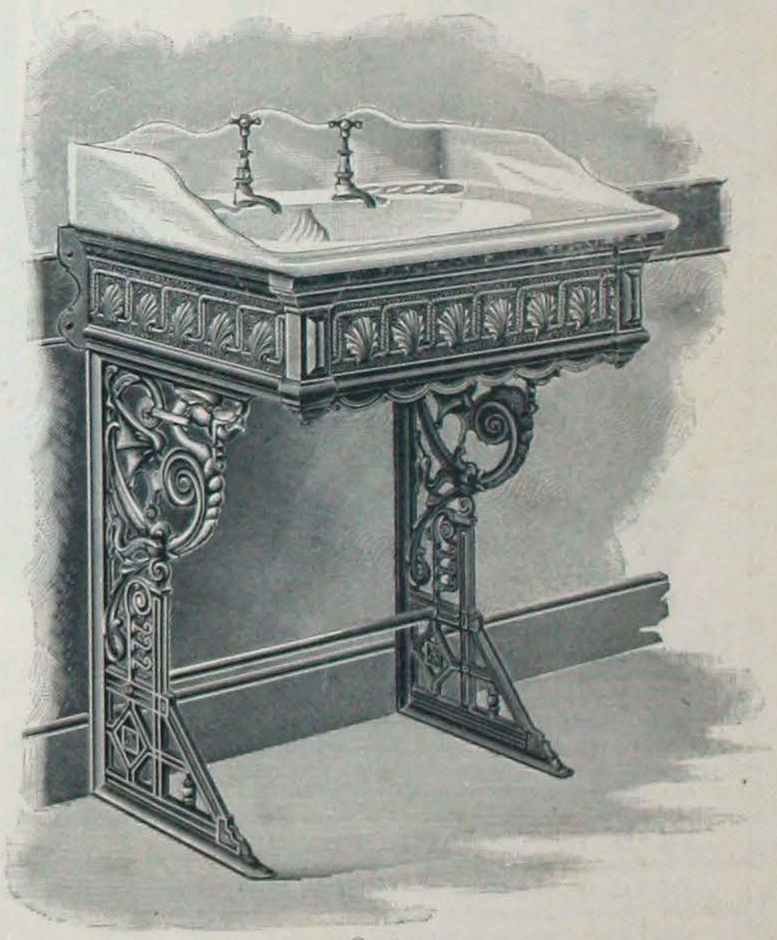
C 3532.

C 3532.—White China Lavatory Basin, with Painted Iron Frame, complete with ½ inch Hot and Cold Taps, and Plug and Washer.

Outside dimensions of China	...	27 in. × 19 in.
Inside dimensions of Basin	...	20 in. × 14 in.
Price complete	...	60/-

C 3533.—White China Lavatory Basin, with Painted Iron Stand, complete with ½ inch Hot and Cold Taps, and Plug and Washer.

Outside dimensions of China	...	27 in. × 19 in.
Inside dimensions of Basin	...	20 in. × 14 in.
Price complete	...	67/6



C 3533.

If Taps and Plug and Washer to any of the above Nickel Plated, 3/- extra. *Further details will be sent on receipt of requirements.*

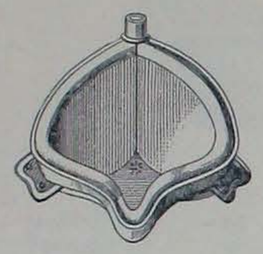


C 610.

Earthenware Angle Urinal, with flushing rim all round.

Size—20½ in. high, 13 in. wide, 12 in. back to front.

White ... ... 16/6 each

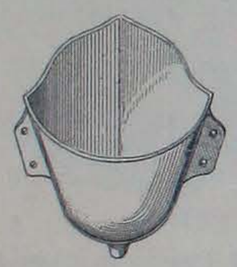


C 611.

Earthenware Angle Lipped Urinal, with flushing rim all round.

Size– 16 in. high, 18 in. wide, 19 in. back to front.

White ... ... 24/9 each.

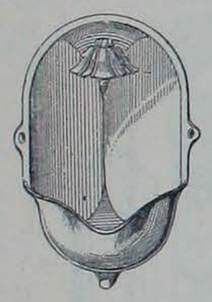


C 616.

Enamelled Iron Angle Urinal.

Size—13½ in. wide, 15 in. back to front.

11/6 each.



C 617.

Enamelled Iron Angle Urinal, lipped front and spreader.

Size –12 in. wide, 11½ in. back to front.

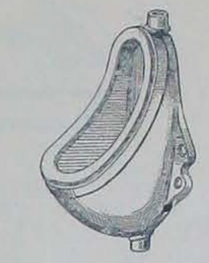
18/3 each.



C 623.

Trent Sanitary Closet, with S. or P. Trap, cane, white inside	.	21/-	each.
,, ,,	ivory or white ...	26/-	,,
,, ,,	printed	32/-	,,
,, Paper Boxes, cane and white...	.. ..	3/9	,,
,, ,,	ivory or white	5/6	,,
,, ,,	printed	6/6	,,

For Flushing Cisterns, see page 199.
For Closet Seats and Brackets, see page 198.

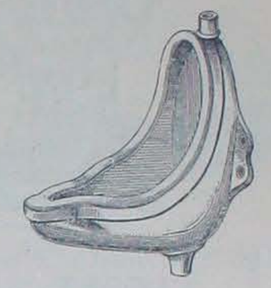


C 612.

Earthenware Flat Urinal, with shell supply and flushing rim.

Size—16 in. wide × 13 in. high.

White ... ... 15/6 each.

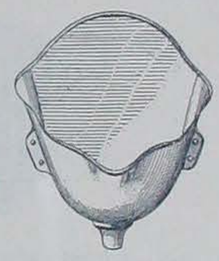


C 613.

Earthenware Flat Lipped Urinal, with shell supply and flushing rim.

Size—21 in. high, 18 in. wide, 14½ in. back to front.

White ... ... 24/9 each.



C 618.

Enamelled Iron Flat Urinal, with Enamelled Grating.

Size—14½ in. wide, 11 in. back to front.

10/- each.



C 620.

Earthenware P. Trap, for Wash-out Closet, with Vent Pipe.

2/6 each.

S. Traps the same price.



C 621.

White Cottage Basin, with S. or P. Trap	...	7/-	each.
Cane and white ditto	... ...	5/-	,,



C 622.

New Pattern Patent Wash-out Closets, S. or P. Trap, cane, white inside ...		10/-	each.
,, ,,	,, all white	13/-	,,
,, ,,	,, flown colours	14/9	,,

Further details and designs will be sent on receipt of requirements.

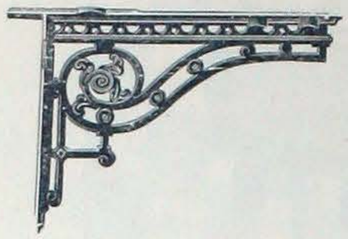
WATER CLOSETS AND FITTINGS.



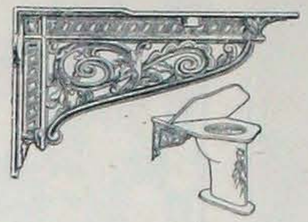
C 3538.—16½ or 17 in. high ... 6/3 per pair.

CLOSET SEAT BRACKETS.

PAINTED ONE COAT AND FITTED WITH RUBBER STOPS.



C 3539. ... 3/6 per pair.

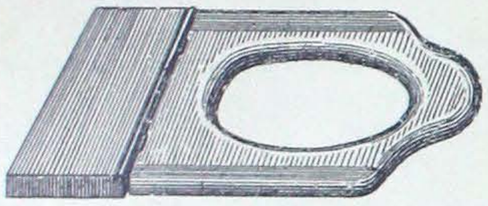


C 638. ... 4/9 per pair.



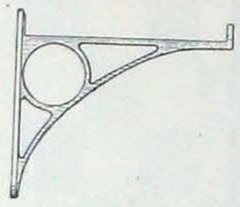
C 639. ... .. 8/- per pair.

CLOSET SEATS.

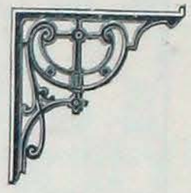


	1	1¾ in. thick.
C 3552.—Plain Pine ...	5/9	6/6 each.
Polished Mahogany or Walnut	9/6	10/6 ,,

BRACKETS FOR FLUSHING CISTERNS.

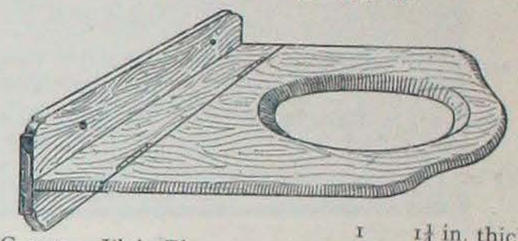


C 3540.—Projection 12 in., 1/10 per pair.



C 3541.—Projection 7, 8, or 9¼ in. 1/6 per pair.

CLOSET SEATS.



	1	1¾ in. thick.
C 3542.—Plain Pine ...	6/9	7/6 each.
Polished Mahogany or Walnut	12/9	14/- ,,

C 3550.—Polished Brass Pipe Clips with india-rubber buffer.



C 3551.

	1¼	1½ in. pipe.
	6/3	7/3 per doz.
	7½d.	8½d. each.
Do., without buffer	4/6	5/6 per doz.
Do., do.	5½d.	6½d. each.

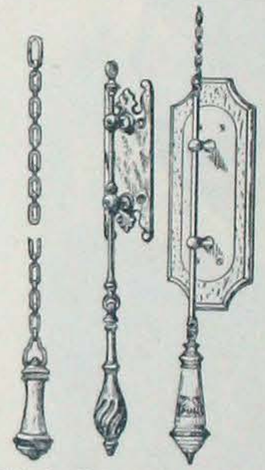


C 643.—Closet Valve, with Leather Seat. Size 1½ inch, 2/9 each.



C 644.—Cistern Valve, with Air Pipe and Union, for slate or iron cisterns.

Size	1	1¼	1½ inch.
Price	5/-	6/9	8/6 each.



C 646. C 647. C 648.

CISTERN PULLS.

C 646.—Brass Chain, with China Handle with india-rubber ring, either cream or black. 11/- per dozen. 1/- each.

C 647.—All Brass, on Plate ... 4/- each.

C 648.—On Wood Plate, with China Handle with india-rubber ring, cream, black, or Brown. 6/- each.



C 3545.

VALIDUS WASHDOWN CLOSET.

With Centre Outlet (S Trap).

The Centre Outlet, S Trap, will be found very convenient for replacing old style Closets.

Cane Colour, White inside ...	16/9
White... ...	19/9
White Printed ...	25/3

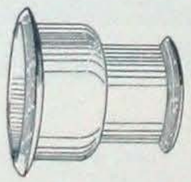
If with P or Q Trap, 1/9 extra.

INDIA-RUBBER CONES for connecting W.C.'s.



C 642.

Size	1	1¼	1½ inch.
Price	6/6	6/6	6/6 per lb.
	6d.	7d.	8d. each.



C 3543.

Size	1¼	1½ inch.
Price	1/4	1/6 each.

INDIA-RUBBER BUFFERS for Closet Seats.



C 3546.

Size	1 inch × ½ inch.
Price	8/6 gross.
	10½d. per dozen.

SUBITUS WASHDOWN CLOSET.

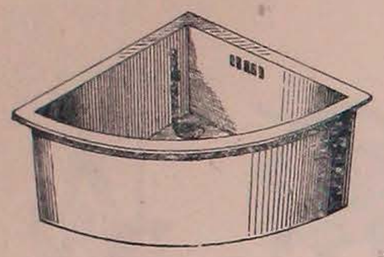
With S or P Trap.

Cane Colour, White inside	20/6
Plain, Ivory or White ...	25/9
Printed, Rush or Poppy	31/-



C 3544.

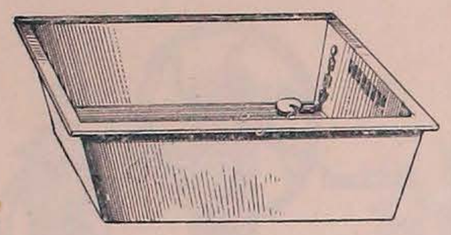
Further details and designs will be sent on receipt of requirements.



C 602.

Corner Kitchen Sink, with plug and overflow.

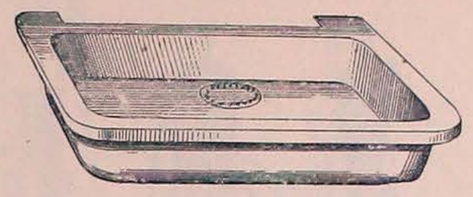
Painted, 18 in. × 7 in.	...	5/9 each.
,, 21 in. × 7 in.	...	7/- ,,
,, 28 in. × 7½ in.	...	8/6 ,,



C 603.

Kitchen Sink with plug and overflow.

Sizes ...	15	18	21	24	27	30	33	36 in.
Painted ...	6/-	6/6	6/10	7/9	9/9	11/-	13/3	15/3 ea.
Galvanized ...	—	—	—	15/-	—	21/-	—	29/6 ,,
Enamelled, with brass plug and chain	18/9	22/-	25/-	31/6	37/6	44/-	—	50/- ,,

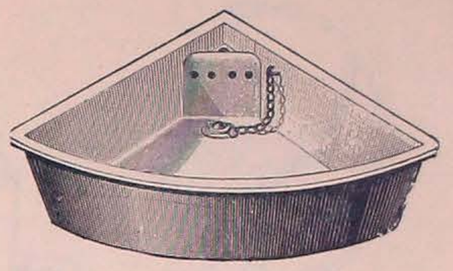


C 604.

Improved Sanitary Pattern Kitchen Sink with trap.

Sizes	24 × 18 × 4	30 × 18 × 4	36 × 18 × 4 in.
Painted ...	6/3	7/9	9/6 each.
Galvanized ...	12/-	14/9	18/3 ,,
Enamelled, with brass waste with union	24/-	30/6	36/6 ,,

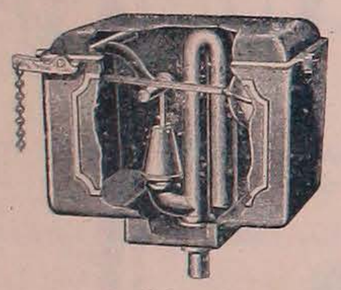
Other sizes will be quoted for on application.



C 605.

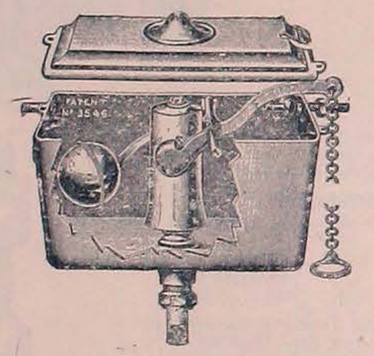
Enamelled Corner Sink, with brass plug, grating and chain.

Size 28½ in. across front, 20 in. length of side, 6 in. deep.
31/6 each.



C 630.

Improved Syphon Flushing Cistern, 2 gallons flush, with 1¼ in. union outlet, and iron chain pull.
12/- each.
Ditto, 3 gallon flush ... 14/6 each.



C 3555.

The "National" Patent Flushing Cistern, with 1¼ in. union outlet, and iron chain pull,

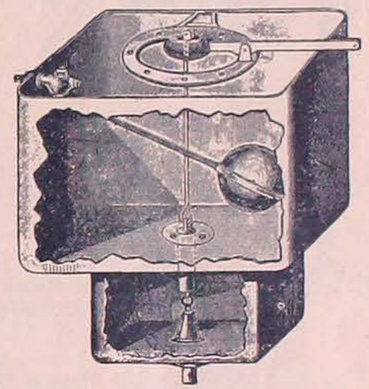
To flush	2	3 gallons.
	15/6	18 6 each.



C 3556.

The "Automatic" Flushing Cistern,

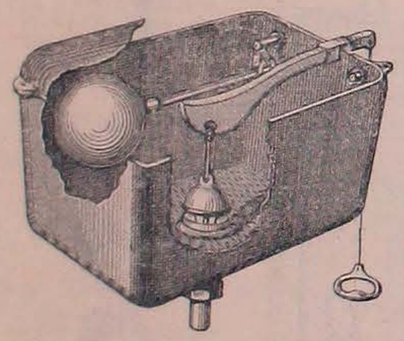
To flush ...	1	2	3 gallons.
Painted ...	16/6	19/-	21/- each.
Galvanized ...	18/6	22/6	27/6 ,,



C 633.

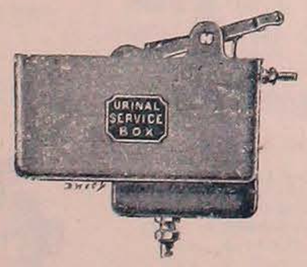
New pattern "Bristol," with 1¼ in. brass union outlet, for six flushes of 2 gallons each, 21/- each.

All Flushing Cisterns are fitted with overflow connection.



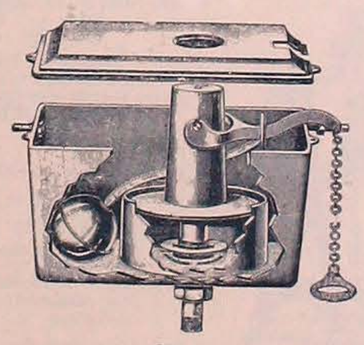
C 634.

Single Valve Cistern, 2 gallons flush, with 1¼ in. union outlet, and iron chain pull, with cover,
13/6 each.
Ditto ditto ditto without cover,
12/9 each.



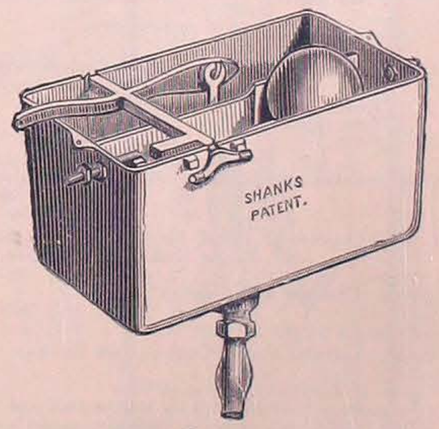
C 635

Double Valve Flushing Cistern, for urinals, ¾ in. union outlet, with pull handle and chain complete, flush about ½ gallon, 25/- each.



C 3553

The "Unique," Syphon Flushing Cistern, 2 gallons flush, with 1¼ in. union, ... 14/- each.
Ditto, 3 gallon flush ... ... 16/6 ,,



C 3554.

Double Valve Cistern, 2 gallons flush, with 1¼ in. union outlet, and iron chain pull ... ... 18/- each.

Further details and designs will be sent on receipt of requirements.

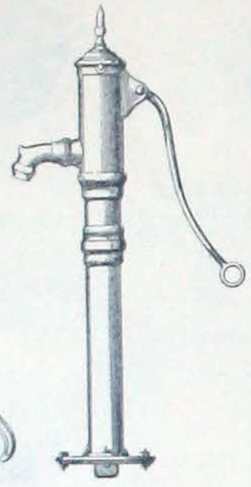
PUMPS.



C 650.



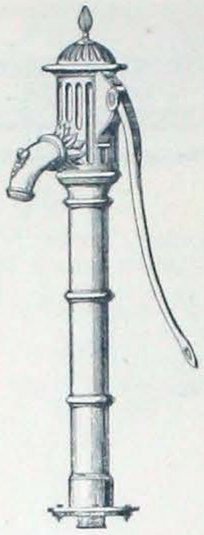
C 651.



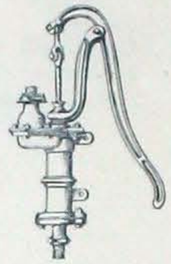
C 652.



C 3560.



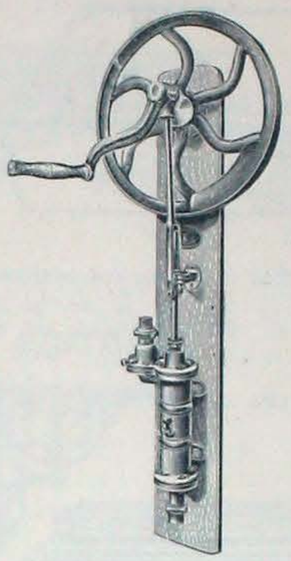
C 653 & 654.



C 655.



C 656.



C 3561.

C 650.—Improved Cistern Pump, with Brass Union for lead or screwed for iron pipe. Handle and spout are reversible.

Sizes	2½	3 inch.
Bore of Suction Pipe	1¼	1½ ,,
Price	11/9	14/6 each.

With side cars to screw on plank or bracketed tail at same price.

C 651.—Pitcher Pump, with Reversible Handle, fitted with Brass Unions for iron or lead pipe.

Sizes	2½	3	3½	4 inch.
Size of Suction Pipe	1	1¼	1½	1½ ,,
Price	12/-	13/6	14/9	16/3 ,,

With bracketed tail for fixing to wall or cart at same price.

C 652.—Yard or Garden Pump, with Boxes—

Sizes	3	3½	3½	4	4½	5 inch.
For lead or cast iron pipe	33/6	37/6	41/6	48/9	57/6	66/6 each.
For wrought iron pipe	34/-	40 -	44/-	52/-	—	— ,,
Wrought galvanized pipe for do.	9d.	9d.	11d.	1/3	—	— per ft.
Size of pipe	1¼	1½	1½	2 inch.		
Pump without boxes, for lead pipe	27/-	30/6	33/6	40/-	48/-	56/- each.

Bends, drilling blast holes, and cutting to length charged extra.

C 3560.—Cottage Pump with wrought iron fittings, brass or copper lining, flange for lead or wrought iron pipe, elastic joints, bolts and nuts complete, 3 ft. under spout.

Size	3 inch.
Bore of suction pipe	1½ or 2 inches.
Price	42/- each.

C 653.—Improved Yard Pump, with Conical Valves, for cast or wrought iron pipe. 3 feet under spout.

Sizes	2½	3	3½	4	4½	5 inch.
Bore of Suction Pipe	1½	2	2	2	2½	3 ,,
Price	64/-	75/6	81/6	90/-	107/-	134/6 each.

For lead pipe, 4/- extra.

C 654.—Ditto, cheaper make, with ordinary valves—

Sizes	2½	3	3½	4 inch.
Price	43/-	47/-	53/-	61/- each.

C 655.—Improved Lift and Force Pump, with Brackets or Flanged Base, for iron or lead pipe, reversible handle.

Sizes	2	2¼	2½	2¾	3	3½ inch.
Bore of Suction and Delivery Pipe	1	1	1¼	1¼	1½	1½ or 2 ,,
Price	35/6	38/6	42/-	44/-	48/6	61/6 each.
Extra for copper cylinder	3/4	4/-	4/9	5/3	6/9	8/- ,,

C 656.—Lift and Force Pump, on Oak Plank—

Sizes	2½	3	3½	4 inch.
Bore of Suction and Delivery Pipe	1¼	1½	2	2 ,,
Brass Barrel, connections for lead or iron pipe	93/-	107/6	126/6	146/6 each.
Iron Barrel, with copper or brass linings and brass unions for lead or iron pipe	63/6	71/-	86/6	94/6 ,,

C 3561.—Wheel Motion Lift and Force Pump, on Oak Plank—

Sizes	2½	3	3½	4 inch.
Bore of Suction and Delivery Pipe	1¼	1½	2	2 ,,
Brass Barrel, connections for lead or iron pipe	106/6	124/-	146/-	168/- each.
Iron Barrel, with brass lining and unions	81/-	101/6	126/6	146/- ,,

C 657.—Strong Deep-Well Lift Pump, suitable for wells from 27 ft. to 100 ft. in depth, with india-rubber joints, bolts, and nuts complete, ready for fixing.

Doors for access to bucket and valve are recommended.

Bore of pump top and main pipes	3½	4	4½ inch.
Bore of working barrel	3	3½	4 ,,
Complete for wells 30 ft. deep	139/6	161/6	182/6 ,,
Extra per foot exceeding 30 ft. deep	3/6	4/-	4/6 ,,
Extra for doors for access to bucket, &c.	13/9	15/9	19/- ,,

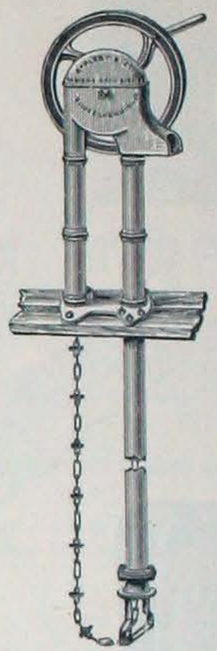
C 658.—Lift and Force Pump, with wrought iron working arrangement mounted on oak plank, and painted iron suction and delivery pipes, bend at surface, rods, roller guide box, &c., complete for 30 ft. well.

Sizes	2½	3	3½	4 inch.
Bore of Suction and Delivery Pipe—				
	1¼	1½	2	2 inch.
Price—Iron, with copper or brass lining—				
	£7 12 6	£8 16 0	£11 4 0	£12 16 0 each.
If Brass Force Pump, with do., do., do.—				
	£8 19 0	£10 11 6	£13 0 0	£15 9 ,,
Extra per foot above 30 ft. deep—				
	2/-	2/6	3/3	3/3 ,,
Iron Air Vessel	13/-	14/6	16/3	18/- extra.
Copper do.	24/6	26/9	31/9	35/- ,,

We recommend Air Vessels for Deep Wells.



C 657.



C 659.

C 659.—Improved Chain Pump, covered Pattern, 12 ft. under spout—

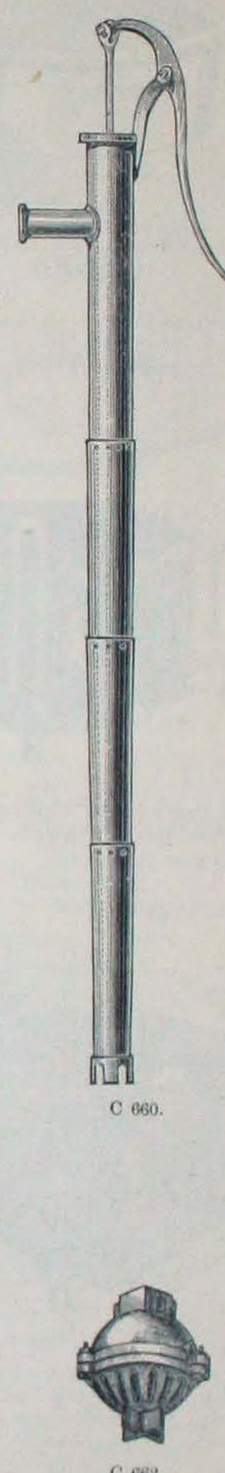
Sizes	2	2½	3	3½ inch.
Price	£6 0 0	£6 14 6	£7 9 6	£8 19 6 each.

Extra if lengthened between spout & ground line – 2	2½	3	3½ in.
For the first foot	6/6	7/2	7/10	8/6 per ft.
Extra length over one foot	6/9	7/6	8/6	10/6 ,,
,, if lengthened below ground line	5/2	5/9	6/2	7/6 ,,

A cheaper pattern also supplied.



C 3562.



C 658.

C 660.

C 660.—Galvanized Wrought Iron Liquid Manure or Contractor's Pump, 8 ft. under spout.

Sizes	4½	6 inch
Price	46/-	55/- each.

Additional Pipe for 4½ in., 1/-; for 6 in., 1/2 per foot.



C 661.

C 661.—Iron Retaining Valve, screwed both ends, for iron pipe—

Sizes	1¼	1½	2	2½	3 inch.
Price	5/-	6/6	8/3	10/3	13/6 each.

C 662.—Iron Strainer, screwed, for iron pipe—

Sizes	1¼	1½	2	2½	3 inch.
Price	3/6	4/-	5/6	6/9	8/3 each.

C 3562.—Galvanized Strainer, for wrought iron tube—

Sizes	1¼	1½	2 inch.
Price	2/4	3/3	4/9 each.

C 662.

Further details and designs will be sent on receipt of requirements.

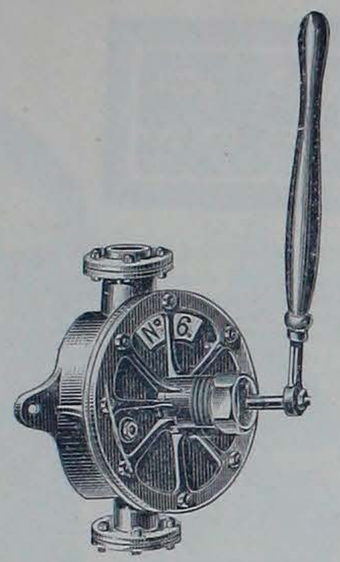
PUMPS.



C 3563.



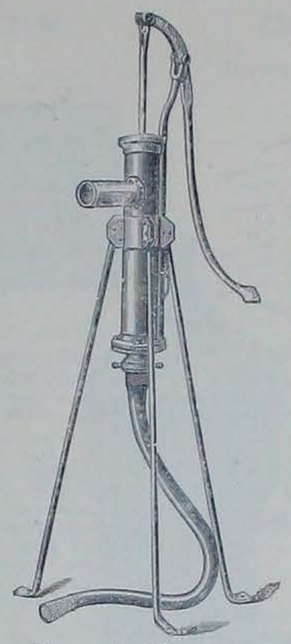
C 3564.



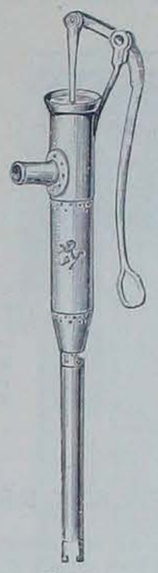
C 3565.



C 3566.



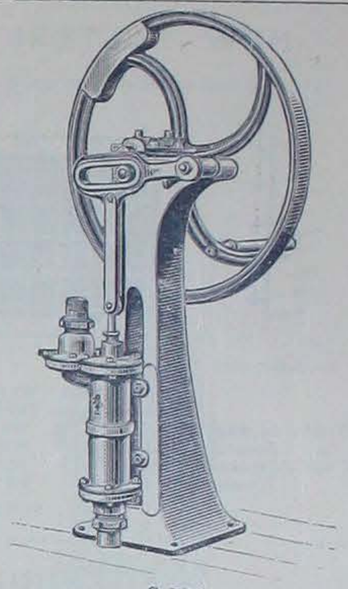
C 3567.



C 3568.



C 3569.



C 3570.

C 3563.—Brass Plumbers Force Pump, with brass ram plunger—

Sizes	1½	2¼ inch.
Price	18/6	34/6 each.

C 3564.—Ditto, ditto, with ordinary lever handle—

Size	2¼ inch.
Price	47/- each.

C 3565.—New pattern Semi-Rotary Double Action Lift and Force Pump, iron with gun metal valves—

Size of Suction and Delivery	½	¾	1	1¼	1½	2	2½	3 inch.
Price	24/-	27/6	35/6	44/-	60/6	96/6	177/-	272/- each.
Ditto, ditto, Gun Metal Pump, with gun metal valves	34/-	44/-	61/6	73/6	105/-	206/-	350/-	525/- ,,

C 3566.—"York" Cottage Pump, strongly made, and fitted with copper lining and brass union, screwed for wrought iron tube or for lead pipe, bolted on strong oak plank—

Sizes...	2½	3	3½	4	inch.
Bore of Suction Pipe ...	1¼	1½	2	2	,,
Price	30/-	34/6	40/6	47/6	each.
Extra for Brass Bucket and Valve	5/-	6/-	7/6	9/9	,,

C 3567.—Galvanized Sheet Steel or Wrought Iron Portable Pump, on legs, 5 ft. 6 in. long, with brass union for 2 inch hose—

Size	4½ inch.
Bore of Suction Hose	2 ,,
Price	63/- each.

C 3568.—Ditto, ditto, 7 ft. 6 in. under spout—

Sizes	3	4	5	6	7	8	9	inch.
Bore of Suction Pipe ..	1½	2	2½	3	3½	4	5	,,
Price	61/6	66/-	71/6	82/6	122/6	149/-	173/-	each.

C 3569.—Sliding Suction Pipe, 8 ft. long, for ditto, for use when liquid has to be raised from variable depths—

Size of Bore	1½	2	2½	3	3½	4	5 inch.
Price	20/6	21/9	24/6	27/6	31/-	35/-	40/6 each.

C 3570.—Strong Wheel Motion Lift and Force Iron Pump, with compensating lever fitted with brass unions, mounted on strong cast iron standard frame, suction and delivery chambers fitted for wrought iron tube or lead pipe; rim of fly-wheel made to take belt for power—

Sizes ...	2½	3	3½	4	5	inch.
Bore of Suction and Delivery Pipe ...	1¼	1½	2	2	2½	,,
Price ...	£10 9 6	£11 3 0	£11 16 6	£12 14 0	£21 5 6	each.
Do. do., Brass pump, with brass unions	£12 7 6	£13 1 6	£15 2 6	£16 3 0	£26 2 6	each.

C 3571.—Single Barrel Deep Well Force Pump, square tail iron barrel, with copper or brass lining, and bucket rod—

Sizes	2	2½	3	3½	4	inch.
Bore of Pipe	1	1¼	1½	2	2	,,
Price	33/6	37/6	48/-	59/6	72/-	each.
Ditto, ditto, all brass ...	52/-	65/-	77/6	92/6	109/-	,,

C 3572.—Single Barrel Deep Well Force Pump, with doors for access to valves, iron barrel, fitted with copper or brass lining, gun metal bucket rod, and brass valve seats—

Sizes ...	2½	3	3½	4	4½	5	6 inch.
Bore of Pipe	1½	1½	2	2	2½	2½	3 ,,
Price	£4 8s.	£5 9s. 0d.	£6 11s.	£8 16s.	£11 4s.	£14 8s.	£20 16s. ea.

Ditto, ditto, Gun metal pump with brass bucket and valves—

Sizes ...	2½	3	3½	4	4½	5	6 in.
Bore of Pipe	1½	1½	2	2	2½	2½	3 ,,
Price ...	£5 10s. 6d.	£7 0s.	£8 2s. 6d.	£10 8s.	£13 0s.	£17 17s. 6d.	£26.

C 3573.—Strong Well Engine Frame, with single barrel iron force pump, for hand power—

Sizes	2½	3	3½	4	inch.
Bore of Suction and Delivery Pipes	1¼	1½	2	2	,,
Price	£14 16 0	£15 12 0	£16 8 0	£17 12 0	each.
Ditto, ditto, with Brass Pump	£16 5 0	£17 9 6	£18 5 6	£20 6 6	each.

C 3574.—Strong Engine Frame, and superior double barrel deep Well Pumps, with doors for access, also rods, roller guide box, suction and delivery pipes, and strainer; complete for Well 30 ft. deep, with iron pumps—

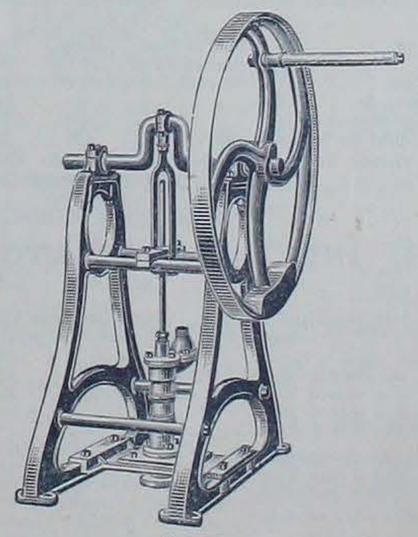
Sizes	2½	3	3½	4 inch.
Bore of Suction and Delivery Pipes	1½	2	2	2½ ,,
Price	£35 4s.	£36 16s.	£39 4s.	£44 0s. each.
Ditto, ditto, with Brass Pumps	£37 7s. 6d.	£39 16s. 6d.	£43 1s. 6d.	£48 15s. ,,
Extra for Well over 30 ft. deep	4/-	4/6	4/9	5/3 per foot.
,, ,, Iron Air Chamber	29/-	29/-	36/6	36/6 each.



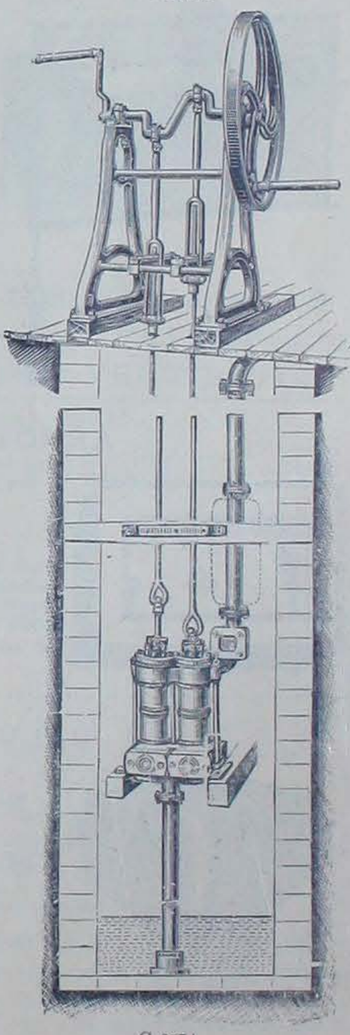
C 3571.



C 3572.



C 3573.



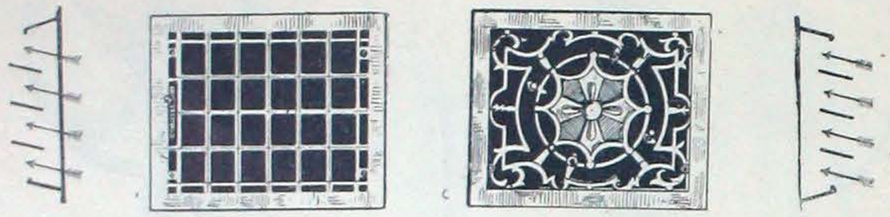
C 3574.

Further details will be sent on receipt of requirements.

VENTILATORS.

NEW PATTERN VENETIAN VENTILATORS.

Forming inlet or outlet by reversing. Open and close by means of a cord or rod, and require no cleat hooks.

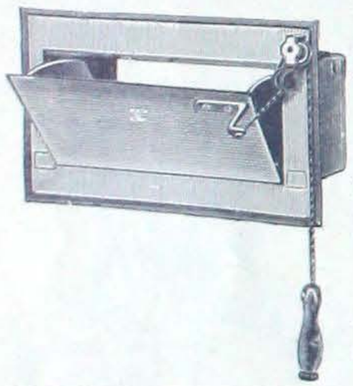


As outlet vent — C 666. — C 667. — As inlet vent.

Size of box	8×6	10×8	12×10	14×12	16×10	18×12 in.
Size of front	10×8	12×10	14×12	16×14	18×12	20×14 in.
C 666.—Japanned Black ...	5/6	7/-	10/6	16/-	16/-	24/- each.
,, Japanned Gold Bronze	8/6	12/6	16/6	23/6	22/-	33/- ,,
C 667.—Japanned Black ...	5/9	8/-	12/-	—	16/-	— ,,
,, Japanned Gold Bronze	9/6	13/-	18/-	—	22/6	— ,,

Pulleys for cords extra if required.

SHERINGHAM'S VENTILATORS.



For the introduction of fresh air through an external wall without a draught. Made with pulleys on either right or left, but kept in stock on right. Recommended to be used in connection with Mica Flap Outlet Ventilator, and to be fixed about four feet from the ceiling.

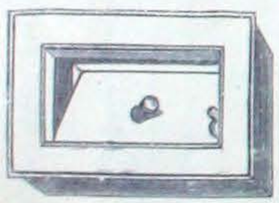
C 670.

Size of Box	9×3	13½×6	9×6	15×10	9×9 in.
Size of Front	11½×5½	16×8½	11×8½	19×14	10¾×10¾ in.
Plain Iron ...	4/3	7 6	5/9	22/-	7/6 each.
Painted Bronze do. ...	4/9	8/-	6/3	24/9	8/- ,,
Galvanized ...	5/9	11/-	8/-	28/6	11/- ,,
With Brass Fronts and Doors	19/-	52/6	31/6	—	52/6 ,,

Price includes Weight.

Extra Weights, plain coloured iron	4½d.	6½d.	5½d.	1/1	6½d. ,,
Do., do., Japanned Bronze do.	8½d.	1/1	11d.	2/2	1/1 ,,

ARNOTT'S VENTILATORS.



For the discharge of heated and impure air into Flues or Air Shafts.

C 671.

Size of Box	9×6	13¾×8	8¾×3½ in.
Size of Fronts	11×8	16×9½	9×3½ in.
Plain Iron ...	6/6	10/6	5/3 each.
Galvanized do. ...	9/-	14/3	— ,,
Japanned Bronze do. ...	8/6	13/-	— ,,
Brass Trellis for fronts of above, extra	4/6	7/3	— ,,

As an Outlet Ventilator to be fixed in Smoke Flues, we recommend Mica Flap Ventilators in preference.

MICA VALVE INLET VENTILATORS.



C 673.—For Vertical Pipe.

For Soil Pipes and Drains. Galvanized Iron with Brass Fronts. Spigot End to fit cast iron pipe.

C 673.—As illustrated, for Vertical Pipe—

For 3 inch Pipe	3/4 each.
For 4 inch Pipe	3/4 ,,
For 6 inch Pipe	10/- ,,

C 672.—For Horizontal Pipe—

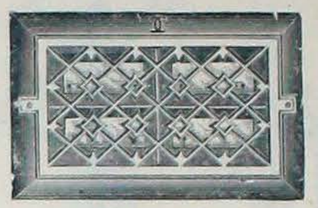
For 3 inch Pipe	3/4 ,,
For 4 inch Pipe	3/4 ,,

MICA VALVE VENTILATORS.

(THOMAS BOYLE'S PATENT).



C 674.—Iron Front Plate.



C 675.—Brass Front Plate.

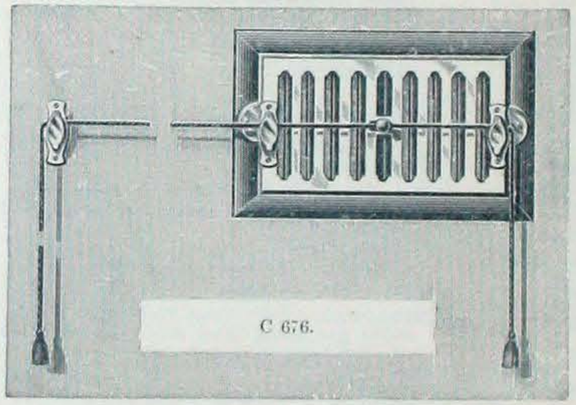
A self-acting Outlet Ventilator, for ventilating through chimney breasts into smoke flues or properly constructed air shafts. It discharges the heated vitiated air, and effectually prevents back draughts. The front removes for cleaning, which should be done each time the chimney is swept.

Size of Box	9×3	6½×6½	9×5	9×7½	9×9	14×9	12×18	16×22 in.
Size of Front	11×5	8×8	11×7	11×9	11×11	16×11	14×20	18×24 in.
C 674.—Plain Iron ...	2/6	4/-	3/9	5/6	6/9	9/-	27/6	41/6 each.
C 675.—Painted Bronze Lacquered Brass Front Plate ...	4 3	6/3	6/6	9/-	11/-	16/-	—	— ,,
Covered Trays to prevent noise, each extra	2·2	2/9	2/9	3/6	4/6	6/6	—	— ,,

11 in.×5 in. and 7 in. and 16 in.×11 in. made vertical at same prices.

MICA VALVE VENTILATORS.

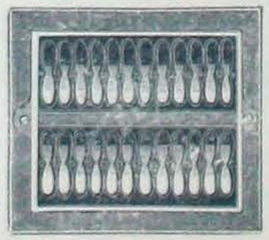
AS ABOVE FITTED WITH HIT AND MISS FRONTS.



C 676.

Size of Box	9×3	6½×6	9×5	9×7½	9×9	14×9 in.
Size of Front	11×5	8×8	11×7	11×9	11×11	16×11 in.
With Lacquered Brass Hit and Miss Front, & Guide Pulleys for cords to open and close	15/-	19/-	20/-	25/-	31/6	46/- each.
Ditto, with Iron Hit and Miss Front	4/9	7/-	7/-	9/-	11/-	15/- ,,

Prices include pulleys on vents only; other pulleys 6d. each.
Covered Trays to prevent noise, extra as above.

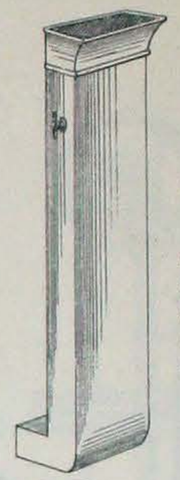


SILK FLAP NOISELESS VENTILATORS.

For the extraction of vitiated air through air shafts and the exclusion of down draught. (Not suitable for smoke flues).

C 677.

Size of Box	9×3	6½×6	9×9	13½×9 in.
Size of Front	11×5½	11×8½	11×11½	15×11½ in.
Plain Iron ...	3/6	6/-	7/6	9/- each.
Japanned Bronze	4/-	7/-	9/-	11/- ,,
With Brass Trellis Fronts	8/-	14/-	21/-	31/6 ,,



T 678.

AIR INLET TUBES.

Fitted with Regulating Valve and Deflecting Shield.

5 ft. 9 in. × 8 in. × 3 in. ...	16/6
5 ft. 9 in. × 9 in. × 4 in. ...	18/6
5 ft. 9 in. × 10 in. × 4½ in. ...	21/-
5 ft. 9 in. × 12 in. × 5 in. ...	25/-
5 ft. 9 in. × 12 in. × 6 in ...	26/6

Air Filters 6d. to 2/- extra.

AIR INLET BRACKETS,

Fitted with Valve and Shield as above.



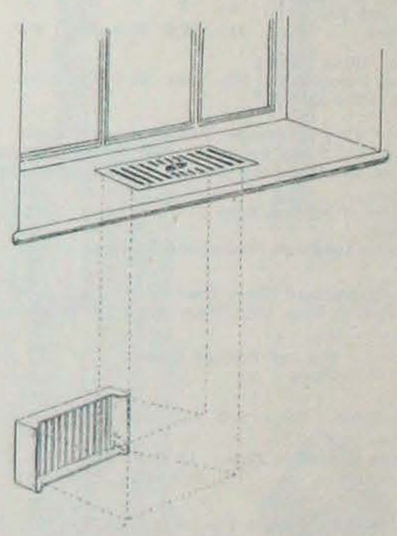
T 679.

18 in. × 8 in. × 3 in.	7/6
18 in × 9 in. × 3½ in.	9/-
20 in. × 10 in. × 4 in. ...	10/6
24 in. × 12 in. × 5 in.	15/-
24 in. × 12 in. × 6 in.	16/6

Air Filters 6d. to 2/- extra.

Prices and Illustrations of Ornamental Patterns on receipt of requirements.

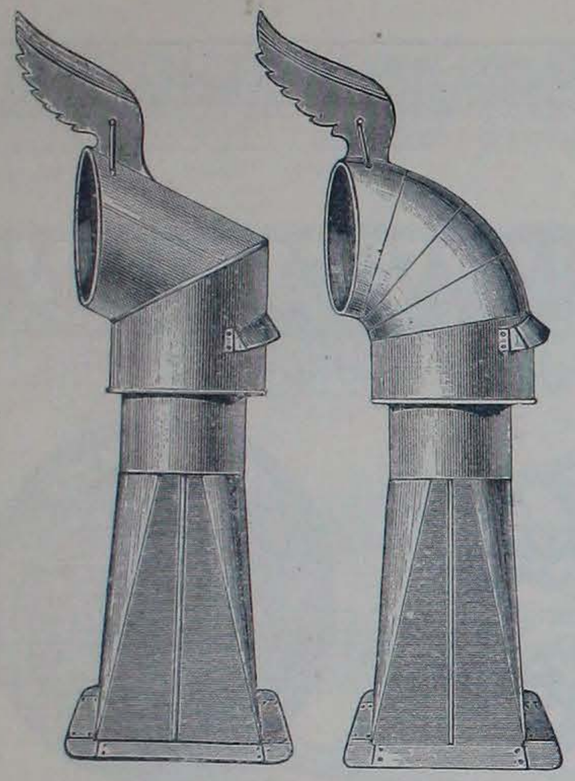
INLET VENTILATING ARRANGEMENT FOR WINDOW SILLS.



T 668.

For prices of Sliding Ventilators, see page 9.
For prices of Air Bricks, see page 205.

Further details and designs on receipt of requirements.



C 680. C 681.

GALVANIZED REVOLVING CHIMNEY COWLS.

C 680.

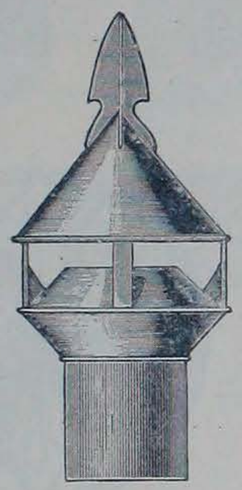
Square back, 17/6 each.

4 feet 6 inch high over all,

11 inch square in base.

C 681.

Lobster back, 19/6 each.
4 feet 6 inch high over all,
10 inch diameter,
11 inch square in base.
Ditto, 9 inch diameter, 18/- each.
With plain round bottom to suit round tubes,
9 inch ... ... 13/9 each.



C 682.

STEVENS' EXHAUST VENTILATOR,

In Galvanized Iron.

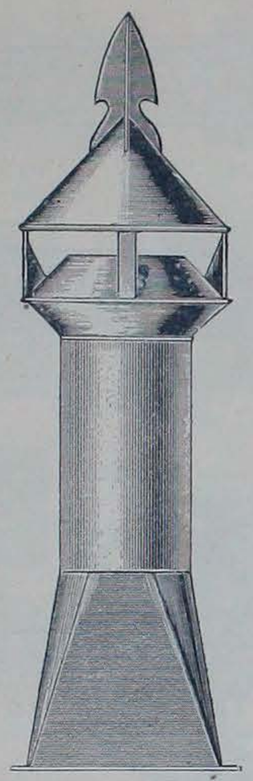
For the extraction of vitiated air.

Small sizes are extensively used for Soil Pipes.

Round Base.			
2 in.	shaft, 6 in.	cone,	1/9
3	,, 8	,,	3/-
4	,, 10	,,	3/9
6	,, 13	,,	7/6
8	,, 17	,,	11/3
10	,, 20	,,	18/9

Square Base.			
6 in.	shaft, 13 in.	cone,	8/9
8	,, 17	,,	12/6
10	,, 20	,,	21/-
12	,, 24	,,	25/-
15	,, 27	,,	35/-
18	,, 30	,,	42/6
21	,, 34	,,	70/-
24	,, 38	,,	92/6

Price of copper on application.



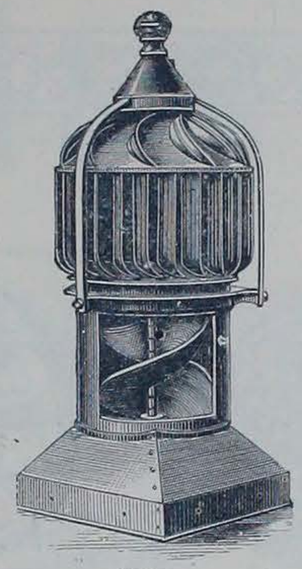
C 683.

STEVENS' EXHAUST CHIMNEY TOP,

In Galvanized Iron.

Height.	Diam.	
Top part	2ft. 8in.	9in. 7/6
14×10 base	4ft. 9in.	10in. 11/3
,, ,,	7ft. 6in.	10in. 13/9
14×14 ,,	10ft. 0in.	11in. 17/9

Stevens' Exhaust Ventilator and Chimney Top is so constructed that at whatever angle the wind strikes the cone it creates a partial *vacuum* in chamber and under hollow cap. There is no mechanical movement to get out of order or create noise. They can be constructed to suit any kind of architecture.



T 3580.

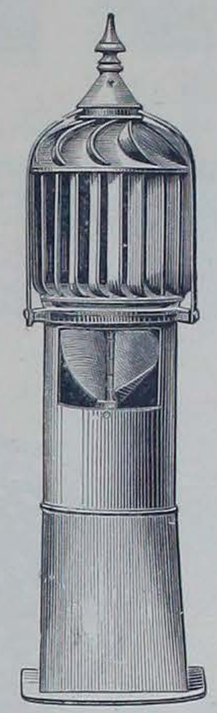
ARCHIMEDEAN VENTILATOR.

With square bottom to fit outside square wooden base.

Diam.		Oil.
6 in.	28/-	1/-
8 in.	30/-	1/6
9 in.	32/-	1/6
10 in.	37/-	1/6
11 in.	43/-	1/6
12 in.	50/-	1/6
14 in.	60/-	1/6
16 in.	80/-	2/6
18 in.	95/-	2/6
21 in.	115/-	4/-
24 in.	140/-	4/-

With plain round bottom to fit on round tubes.

Diam.		Oil.
4 in.	25/-	1/-
6 in.	25/-	1/-
8 in.	27/6	1/6
9 in.	30/-	1/6
10 in.	35/-	1/6
11 in.	40/-	1/6
12 in.	45/-	1/6
14 in.	55/-	1/6
16 in.	75/-	2/6
18 in.	88/-	2/6
21 in.	108/-	4/-
24 in.	130/-	4/-



T 3581.

ARCHIMEDEAN CHIMNEY COWL.

FOR SMALL FIREPLACES.

Diam.	Height to under Hood.	
10 in.	3 ft. 0 in.	40/-
10 in.	3 ft. 6 in.	45/-
10 in.	4 ft. 0 in.	50/-

FOR BEDROOM AND DINING-ROOM FIREPLACES.

Made extra strong and durable.

11 in.	3 ft. 0 in.	50/-
11 in.	3 ft. 6 in.	55/-
11 in.	4 ft. 0 in.	57/-

FOR DINING-ROOM AND SMALL KITCHEN FIREPLACES.

12 in.	3 ft. 0 in.	55/-
12 in.	3 ft. 6 in.	60/-
12 in.	4 ft. 0 in.	65/-

FOR KITCHEN FIREPLACES.

14 in.	3 ft. 0 in.	60/-
14 in.	3 ft. 6 in.	65/-
14 in.	4 ft. 0 in.	70/-

Oil, 1/6 extra.

Also made with square or round bottoms, to fit metal pipes or terra cotta pots. Price of round bottom same as round bottom ventilator. If made fire-proof, 7/6 each extra.



T 686.

ROBERT BOYLE & SON'S latest improved PATENT (1882) AIR PUMP VENTILATOR.

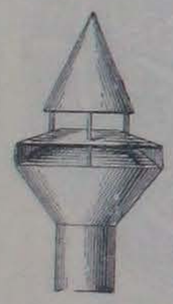
In Galvanized Iron, painted.

12 in. dia., 4 to 8 in. pipe	diameter of pipe recommended	6 in.	£1	5 0
14 ,, 5 ,, 9 ,,	,, ,,	7 ,,	1	10 0
6 ,, 6 ,,10 ,,	,, ,,	8 ,,	2	2 0
18 ,, 7 ,,11 ,,	,, ,,	9 ,,	2	15 0
20 ,, 8 ,,12 ,,	,, ,,	10 ,,	3	10 0
24 ,, 10 ,,14 ,,	,, ,,	12 ,,	4	10 0
27 ,, 11 ,,16 ,,	,, ,,	14 ,,	5	5 0
30 ,, 12 ,,18 ,,	,, ,,	15 ,,	6	10 0
36 ,, 15 ,,21 ,,	,, ,,	18 ,,	8	15 0
42 ,, 17 ,,24 ,,	,, ,,	21 ,,	11	15 0
48 ,, 20 ,,28 ,,	,, ,,	24 ,,	14	17 6
54 ,, 24 ,,32 ,,	,, ,,	28 ,,	18	18 0

The Ventilators can be made with square, round, or octagon bases, for fitting into turrets, &c., when required, without extra charge.

N.B.—In ordering, please state diameter of pipe required.

N.B.—In fixing the Ventilator a wood base or frame is placed on the ridge, and covered with zinc or lead to make it watertight; the Ventilator is then slipped over the top and fastened with a few nails, as shown in elevation.



T 687.

BOYLE'S PATENT SOIL PIPE COWL (cheap form).

Made of Strong Galvanized Iron, and painted with Enamel Paint.

2 inch pipe	5/6
3 ,, ...	7/6
4 ,, ...	10/6
5 ,, ...	12/6
6 ,, ...	15/6

In ordering it must be particularly stated that the *Cheap* Soil Pipe Cowl is required.

T 688.

BOYLE'S latest improved PATENT AIR PUMP SOIL PIPE VENTILATOR,

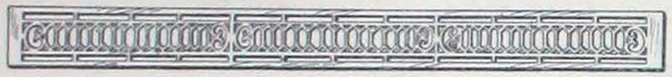
Pattern as T 686.

Made of Strong Galvanized Iron, and painted with Enamel Paint.

6 inch diameter,	2 to 3 inch pipe	9/6
8 ,,	3 to 4 ,, ...	13/6
10 ,,	4 to 5 ,, ...	17/6
12 ,,	5 to 6 ,, ...	22/6

Further details and designs will be sent on receipt of requirements.

VENTILATING GRATINGS AND CEILING CENTRES.



C 3585



C 3586.



C 3587.



C 3588.



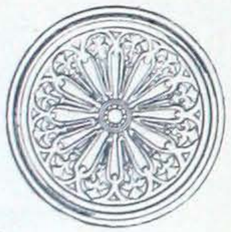
C 3589.



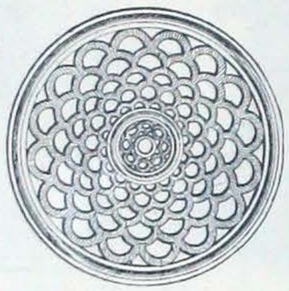
C 3590.



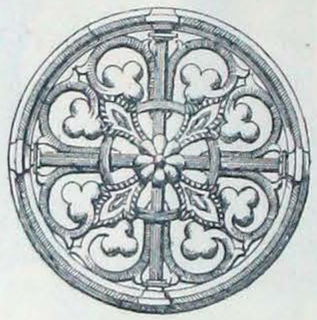
C 3591.



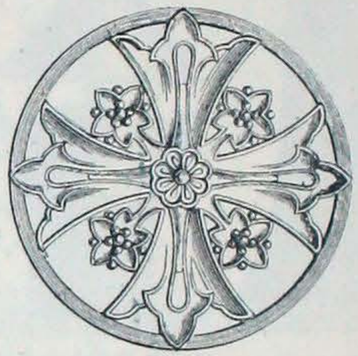
C 729.



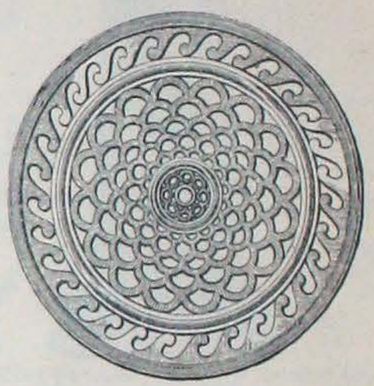
C 3592.



C 3593.



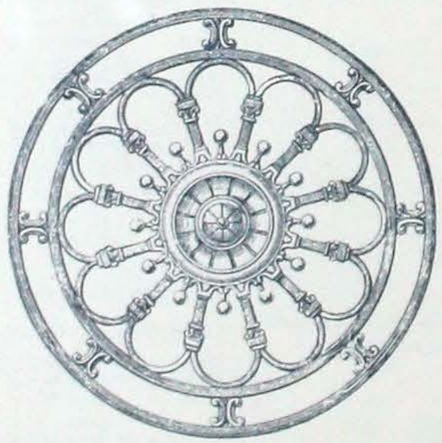
C 3594.



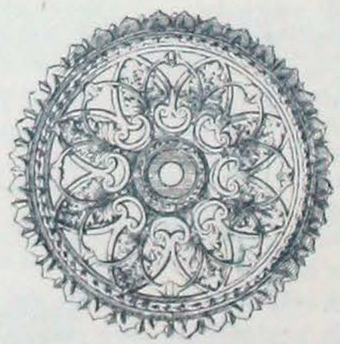
C 3595.



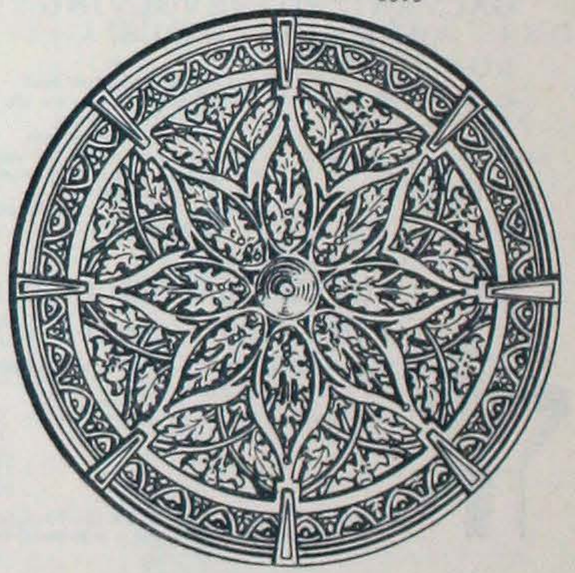
C 3596.



C 730



C 3597.



C 3598.

C 3585.—2 ft. 11½ in. × 3 in.	... ...	...	2/3 each.
C 3586.—3 ft. 4 in. × 4⅜ in.	... ...	...	4/3 ,,
C 3587.—3 ft. 0⅛ in. × 3⅛ in.	... ...	...	3/3 ,,
C 3588.—3 ft. 6 in. × 4⅛ in.	... ...	...	3/3 ,,
C 3589.—3 ft. 0 in. × 4¼ in.	... ...	...	3/9 ,,
,, —4 ft. 3 in. × 4¼ in.	... ...	...	4/3 ,,
,, —4 ft. 6 in. × 4¼ in	... ...	...	4/9 ,,

C 3590.—3 ft. 10 in. × 5⅜ in.	... ...	...	3/3 each.
C 3591.—12 in. diameter	... ...	...	3/9 ,,
C 729. —15 in. ,,	... ...	...	6/6 ,,
,, —17⅜ in. ,,	... ...	...	8/6 ,,
C 3592.—15 in. ,,	... ...	...	6/9 ,,
C 3593.—16⅔ in. ,,	... ...	...	9/- ,,
C 3594.—18¼ in. ,,	... ...	...	7/6 ,,

C 3595.—20 in. diameter	... ...	...	9/9 each.
C 3596.—22½ in. ,,	... ...	...	11/- ,,
C 730. —24 in. ,,	... ...	...	15/9 ,,
C 3597.—Ceiling Centres, 18½ in.	... ...	...	9/- ,,
C 3598.— ,, ,, 30 in.	... ...	...	15/6 ,,

Further details and designs will be sent on receipt of requirements.

AIR BRICKS AND VENTILATORS.

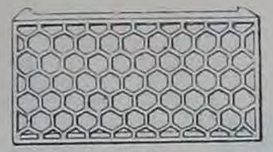

C 700

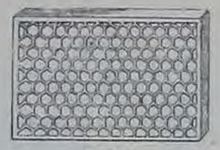
C 701

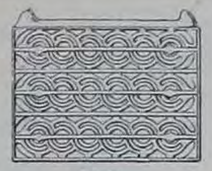

C 702.

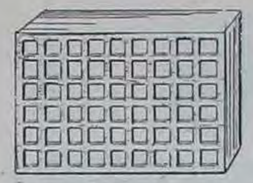

C 703.


C 704.


C 705


C 706


C 707


C 708.

VENTILATORS TO TURN WITH KEY

HINGED AIR BRICKS

SLIDING VENTILATOR


C 710

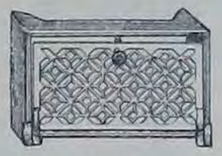
SLIDING AIR BRICK

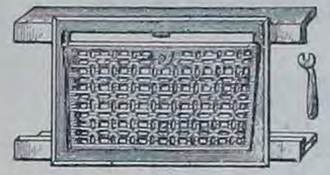

C 711

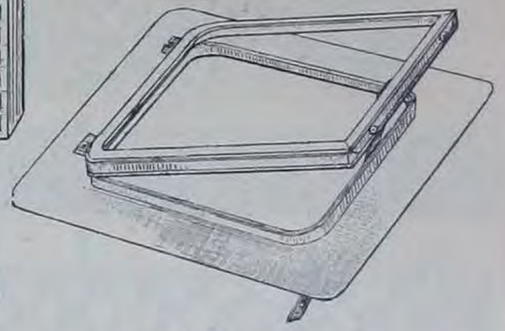

C 712


C 713


C 714


C 715


C 716

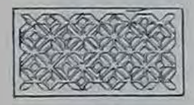

T 735.

ORNAMENTAL VENTILATING GRATINGS


C 720

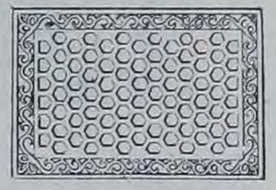

C 722


C 721

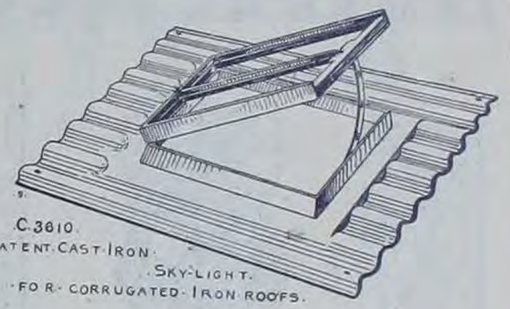

C 723

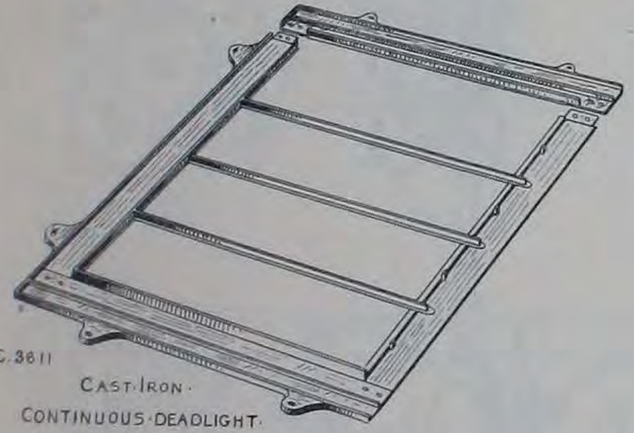

C 724.

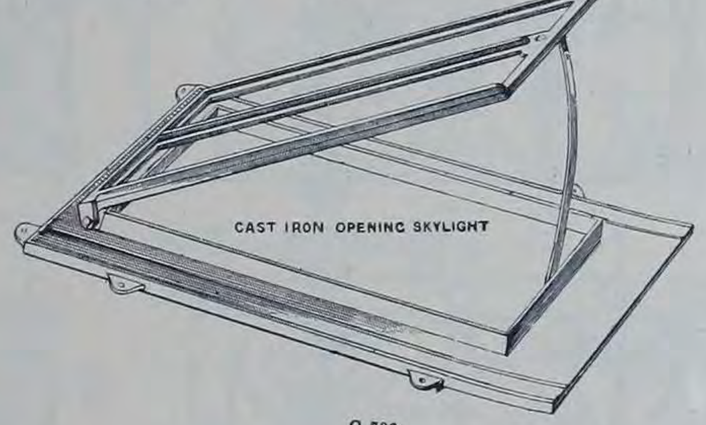

C 725


C 726

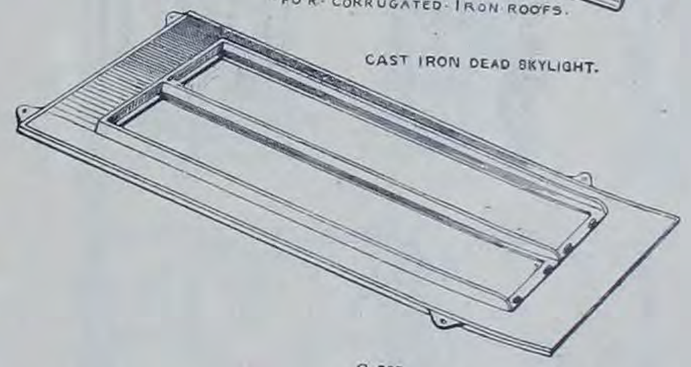

C 727


C.3610.
PATENT CAST IRON
SKY-LIGHT.
FOR CORRUGATED IRON ROOFS.


C.3611
CAST IRON
CONTINUOUS DEADLIGHT.


CAST IRON OPENING SKYLIGHT

C 736.


CAST IRON DEAD SKYLIGHT.

C 737.

C 700.—Plain Air Brick ... 9 ×3 in. .. 4/8 per dozen.
Light ditto ... ... 9 ×3 in. ... 3/4 ,,
Galvanized ditto ... 9 ×3 in. .. 8/- ,,

C 701.—Ornamental Air Brick 9 ×3 in. ... 4/8 ,,
Light ditto ... ... 9 ×3 in. ... 3/4 ,,
Galvanized ditto ... 9 ×3 in. ... 8/- ,,

C 702.—Plain Air Brick ... 9 ×6 in. ... 7/6 ,,
Galvanized ditto ... 9 ×6 in. ... 13/9 ,,

C 703.—Ornamental Air Brick 9 ×6 in. ... 7/6 ,,
Galvanized ditto ... 9 ×6 in. ... 13/9 ,,

C 704.—Ornamental Air Brick 14 ×6 in. ... 11/6 ,,
Galvanized ditto ... 14 ×6 in. ... 18/9 ,,

C 705.—Honeycomb Pattern
Air Brick ... ... $17\frac{1}{2} \times 8\frac{5}{8}$ in. ... 21/6 ,,

C 706.—Strong Air Brick ... $13\frac{1}{2} \times 9$ in. .. 28/6 ,,

C 707.—Air Bricks, 9×9 in., 12/6; $13\frac{1}{2} \times 9\frac{1}{2}$ in. 16/- ,,
Galvanized do. 9×9in. 21/6; $13\frac{1}{2} \times 9\frac{1}{2}$in. 26/- ,,

C 708.—Air Bricks, 9×3 in., 7/6; 9×6 in., 10/6;
9×9in., 12/-; 14×9in., 20/9; 18×9in. 26/- ,,

C 710.—Sliding Ventilators 9×3 in. 12×6 in. 18×6 in.
1/5 2/1 2/6 each.
Several other sizes also made.
9×3 9×6 14×6 inch.

C 711.—Sliding Air Bricks ... 9/6 12/6 28/- per dozen.
Galvanized ditto ... 16/- 24/- 42/- ,,

C 712.—Round Ventilator, to turn with loose key: 6 9 12 15 18 inch.
1/5 2/- 2/10 3/9 4/9 each.
Several other sizes also made.

C 713.—Square Ventilators, to turn with loose key ... ... 6 9 12 18 inch.
1/5 2/4 3/3 5/3 each.
Several other sizes also made.

C 714.—Strong Ventilator, to turn with key, for floors ... ... 12 in. square, 4/6 each.

C 715.—Hinged Air Brick, for air flues, with turnbuckle, $12\frac{1}{2} \times 6\frac{3}{4}$ in., 4/9 each.

C 716.—Hinged Air Brick, for air flues, with key or turnbuckle,
$10\frac{1}{4} \times 7\frac{1}{8}$ $10\frac{3}{4} \times 9\frac{1}{4}$ $14\frac{1}{2} \times 10\frac{1}{2}$ in.
4/3 4/3 5/6 each.

C 720.—Door Step Grating ... . 42×4 in., 1/10 each.

C 721.—Door Step or Ventilating Grating, 36×5×$\frac{1}{2}$ in., 2/8 ,,

C 722.—Ornamental Ventilating Grating—
$11\frac{3}{4} \times 9$ $15\frac{3}{4} \times 8$ $18 \times 11\frac{3}{4}$ 18×18 $20 \times 11\frac{7}{8}$ 24×6 in.
2/8 2/9 4/9 5/3 4/10 3/6 each.
See also C 102, page 108.

C 723.—Air Grating 7×5 4d. 9×6 5d. 12×6 8d. 12×9 in. 1/- each.

C 724.—Air Grating ... ... 6×6 in., 4d. ,,

C 725.—Air Grating or Panel, $10\frac{3}{4}$ in. square × $1\frac{7}{16}$ in. thick in frame .. .. 2/- ,,

C 726.—Ornamental Ventilating Grating ...
6 in. × 9 in. × $\frac{1}{2}$ in. ... 9d. each.
8 in. × 8 in. × $\frac{1}{2}$ in. .. 11d. ,,
8 in. × 12 in. × $\frac{1}{2}$ in. ... 1/4 ,,
10 in. × 15 in. × $\frac{1}{2}$ in. ... 1/9 ,,
12 in. × 18 in. × $\frac{1}{2}$ in. ... 2/10 ,,
14 in. × 14 in. × $\frac{1}{2}$ in. ... 2/6 ,,
18 in. × 24 in. × $\frac{1}{2}$ in. ... 5/- ,,
$17\frac{1}{2}$ in. × $30\frac{1}{2}$ in. × $\frac{1}{2}$ in. ... 5/6 ,,

C 727.—Ornamental Ventilating Grating ...
14 in. × 14 in. × $\frac{3}{8}$ in. ... 2/6 ,,
$13\frac{3}{4}$ in. × $27\frac{3}{4}$ in. × $\frac{3}{8}$ in. ... 3/6 ,,
$11\frac{1}{2}$ in. × $11\frac{1}{2}$ in. × $\frac{1}{2}$ in. ... 1/9 ,,
$11\frac{1}{2}$ in. × $22\frac{3}{4}$ in. × $\frac{1}{2}$ in. ... 3/6 ,,
$4\frac{1}{2}$ in. × $23\frac{3}{4}$ in. × $\frac{3}{4}$ in. ... 2/2 ,,
For other sizes, see C 101, page 108.

T 735.—Patent Zinc Opening Skylight—
Sizes of daylight ... 22×17 19×14 16×12½ 13×11 11×9 in.
12/3 10/3 7/9 6/6 5/- ea.
Extra Sizes, or Narrow Gauge.
Sizes of daylight ... 35×22 30×20 25×18 24×14 $17\frac{1}{2} \times 10\frac{1}{2}$ in.
24/9 21/- 16/6 11/6 7/6 each.
Other sizes made to order. Use 26 oz. glass.

C 3610.—Patent Corrugated Opening Skylight, in cast-iron—
Sizes of daylight—
14×20 16×24 16×30 36×20 36×24 38×30 42×36 45×27 in.
11/9 13/6 19/6 28/- 31/- 36/- 39/- 35/6 ea.
Dead Skylight, ditto—
8/9 10/- 15/- 21/- 24/- 30/- 30/- 27/6 ea.

C 3611.—Cast Iron Continuous Deadlight, 30, 36, 42, 48, 54, 60, 72, and 84 inches wide × 24, 30, 33, 36, 42, 45, 48, 54, 60, and 72 inches high (measured in daylight.) Can also be supplied with parts to lift for ventilation. Price ... 2/6 per square foot.

C 736.—Opening Skylight, in Cast Iron—
Sizes of Daylight, 8×12 10×15 12×16 13×18 14×20 16×24in.
4/3 5/3 5/10 6/4 6/4 7/- ea.
,, 18×30 20×30 24×36 24×42 30×42 36×42 36×48in.
9/8 10/10 13/4 14/9 18/- 22/6 26/8 ea.
With Quadrant and Pulleys, to open with cord, 3/6 to 4/6 extra.

C 737.—Dead Skylight, in Cast Iron—
Sizes of daylight, 8×12 10×15 12×16 13×18 14×20 16×24in.
2/9 3/2 3/9 4/3 4/3 5/2 ea.
,, 18×30 20×30 24×36 24×42 30×42 36×42 36×48in.
6/9 7/3 8/9 9/8 12/8 15/- 18/6 ea.
,, 30×30 36×24 36×27 36×30 36×36 40×30 in.
12/8 11/3 13/- 14/3 14/3 15/6 ea.
,, 42×24 42×30 42×36 48×24 52×32 in.
14/- 15/6 19/6 18/- 21/8 each.
The first size given is width and the second height.

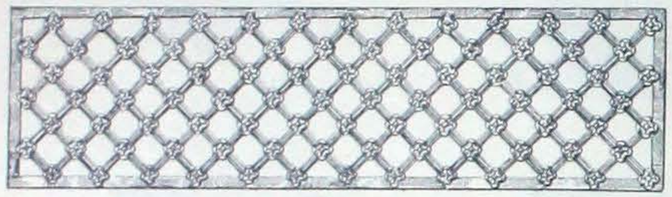
CAST IRON PANELS.



C 740.



C 741.



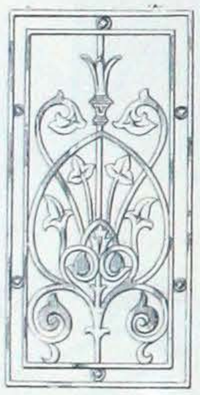
C 742.



C 746



C 747



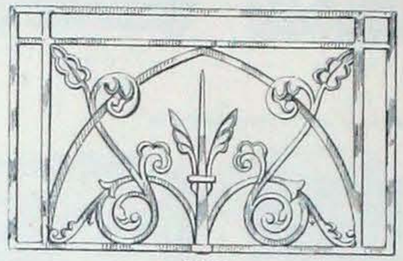
748.



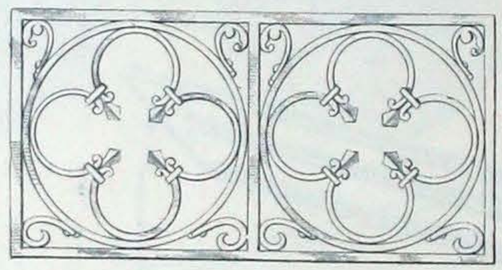
C 752.



C 753.



C 754.



C 755.



C 743.



C 744.



C 745.



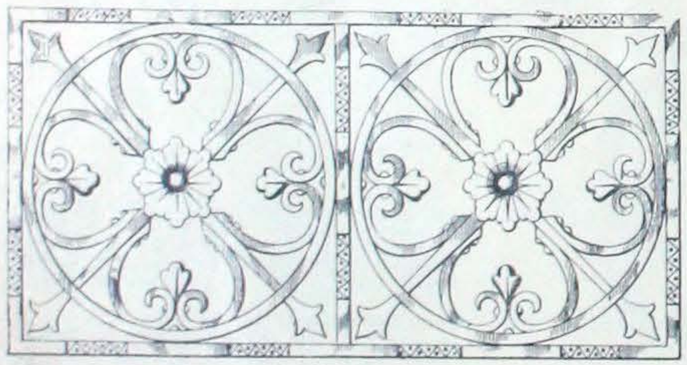
C 749.



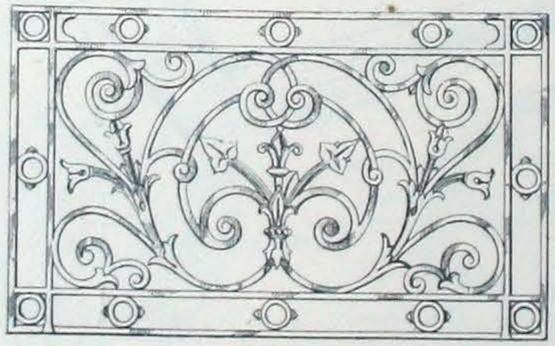
C 750.



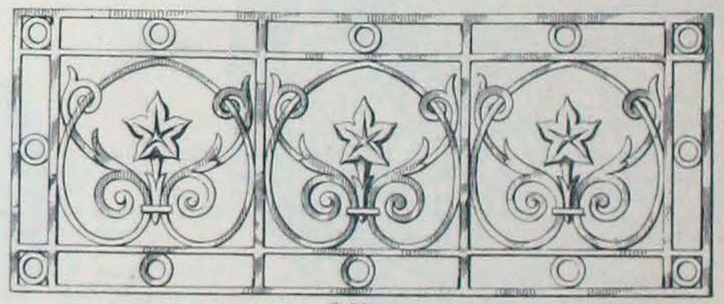
C 751.



C 756.



C 757



C 758.

C 740.—Size 2 ft. 10 in. × 7½ in. ... 3/- each.
C 741.— ,, 3 ft. 10½ in. × 6 in. ... 2/6 ,,
C 742.— ,, 4 ft. × 12⅜ in. ... 11/3 ,,
,, ,, 4 ft. 2 in. × 14¼ in. ... 13/- ,,
,, ,, 4 ft. 0¼ in × 27¾ in. ... 22/- ,,
,, ,, 4 ft. 3 in. × 3 ft. 11¾ in. 38/6 ,,

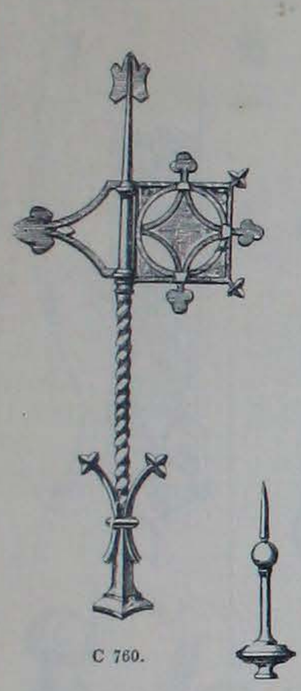
C 743.—Size 22½ in. × 3⅜ in. ... 1/6 each.
C 744.— ,, 3 ft. 5 in. × 4½ in. ... 3/- ,,
C 745.— ,, 4 ft. 11 in. × 6⅜ in. ... 8/9 ,,
C 746.— ,, 1 ft. 11¾ in. × 8⅜ in. ... 4/3 ,,
C 747.— ,, 2 ft. × 1 ft. ... ... 6/6 ,,
C 748.— ,, 2 ft. 2 in. × 13¼ in. ... 7/- ,,

C 749.—Size 2 ft. 6½ in. × 11 in. ... 7/6 each.
C 750.— ,, 2 ft. 6 in. × 12 in. ... 7/6 ,,
C 751.— ,, 2 ft. × 14 in. ... 7/6 ,,
C 752.— ,, 15 in. × 14 in. ... 4/3 ,,
,, ,, 17½ in. × 17½ in. ... 4/9 ,,
C 753.— ,, 12 in. × 12 in. ... 2/9 ,,

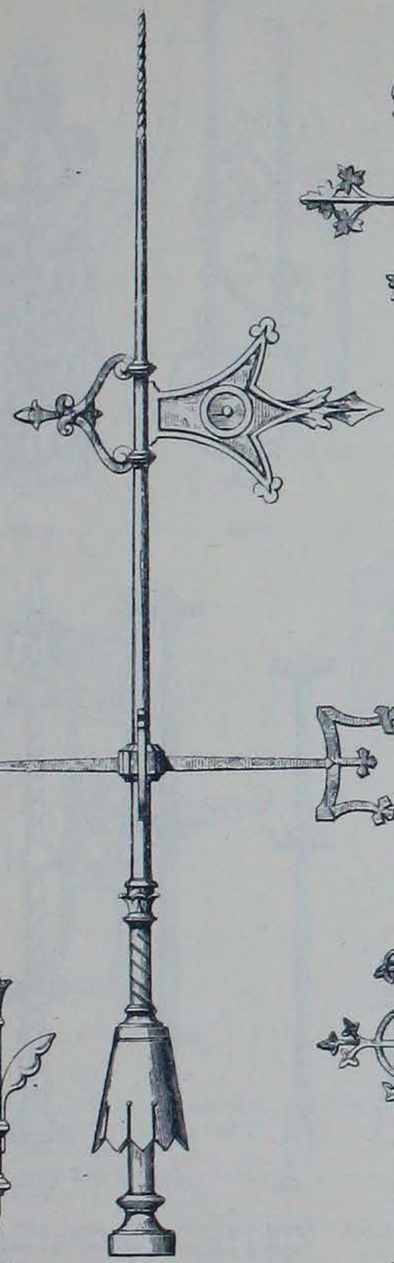
C 754.—Size 2 ft. 2½ in. × 1 ft. 5 in. 7/6 each.
C 755.— ,, 2 ft. 10½ in. × 1 ft. 5⅞ in. 9/3 ,,
C 756.— ,, 4 ft. 0¼ in. × 2 ft. ... 21/3 ,,
C 757.— ,, 3 ft. 1½ in. × 1 ft. 10½ in. 14/9 ,,
,, ,, 4 ft. × 2 ft. ... ... 18/6 ,,
C 758.— ,, 4 ft. 1 in. × 1 ft. 7¼ in. 17/6 ,,

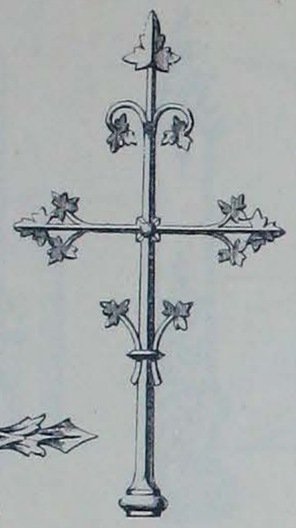
Further details will be sent on receipt of requirements.

CAST IRON FINIALS.

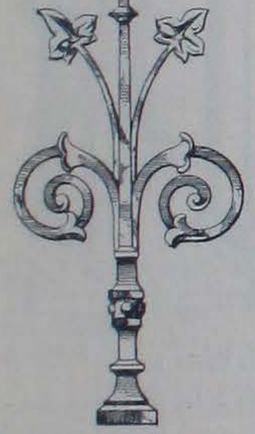

C 760.

C 761.


C 773.

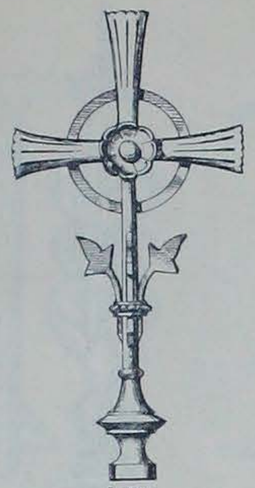

C 762.

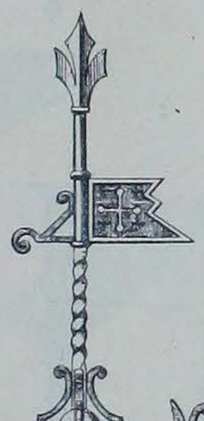

C 768.

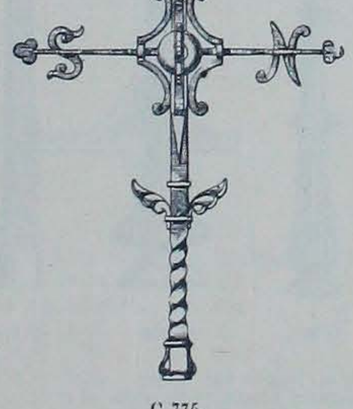

C 771.

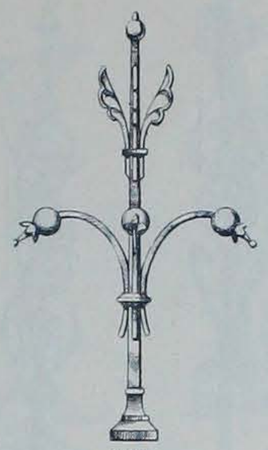

C 772.

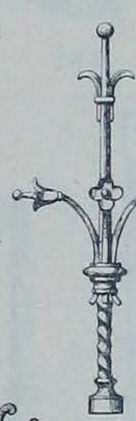

C 774.

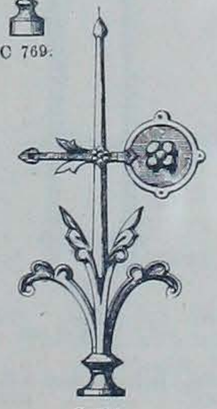

C 763.



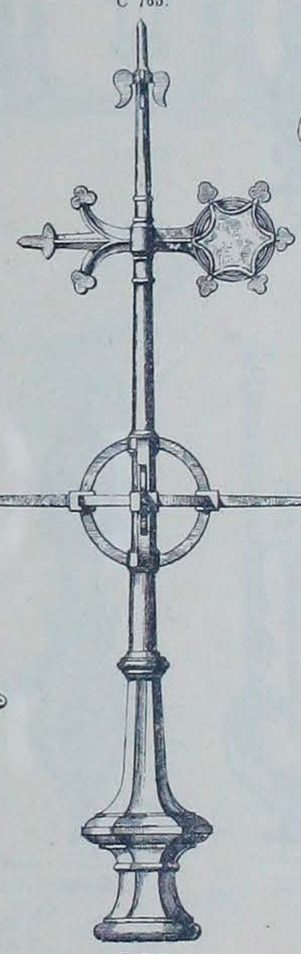

C 775.

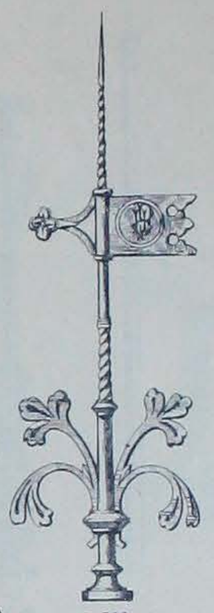

C 764.

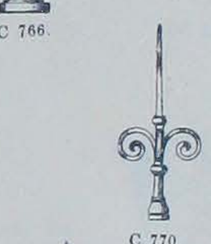

C 769.

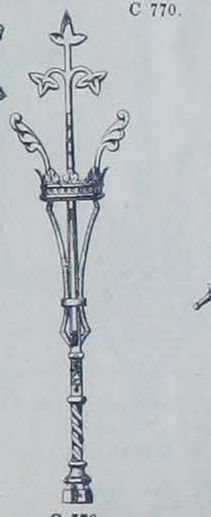

C 776.

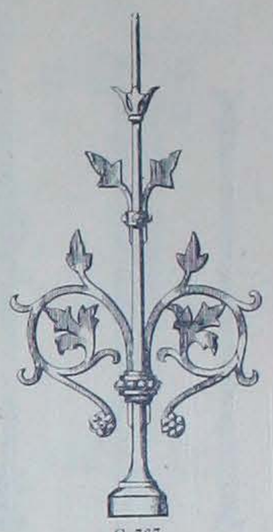

C 765.

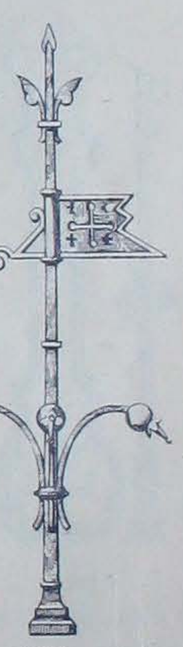

C 777.


C 766.


C 770.


C 778.


C 767.


C 779.

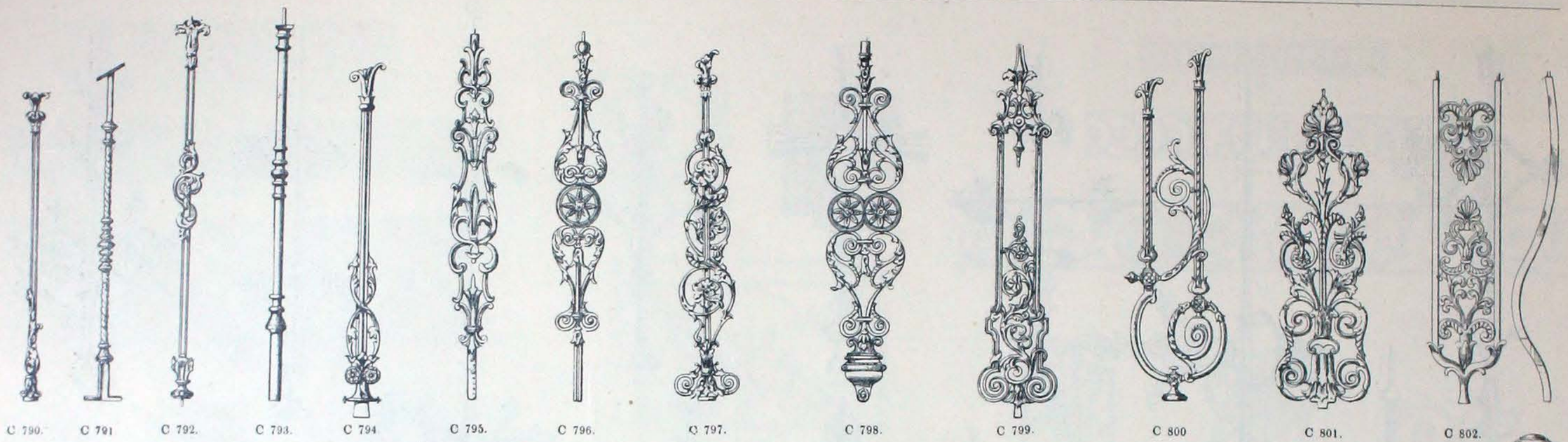
C 760.—3 ft. 6 in. high	...	...	...				4 ways,	21/3	each.
C 761.—1 ft. 2½ in. ,,	...	...	...			...		3/3	,,
C 762.—2 ft. 6 in. ,,	...	2 ways,	7/6	each.					
,, 2 ft. 10 in. ,,	...	2	,,	11/-	,,	4 ways,		16/9	each.
,, 4 ft. 3 in. ,,	..	2	,,	13/3	,,				
C 763.—2 ft. 9 in. ,,	...	2	,,	12/-	,,				
C 764.—2 ft. 6 in. ,,	...	2	,,	9/3	,,	4	,,	14/9	,,
C 765.—2 ft. 1½ in. ,,	...	2	,,	4/-	,,	4	,,	7/3	,,
,, 2 ft. 5 in. ,,	...	2	,,	5/-	,,	4	,,	7/9	,,
C 766.—3 ft. 6 in. ,,	...	2	,,	17/6	,,	4	,,	21/3	,,

C 767.—3 ft. 0 in. high	...	2 ways,	13/-	each;	4 ways,		21/3	each.	
C 768.—1 ft. 8 in. ,,	...	2	,,	6/6	,,	4	,,	9/3	,,
C 769.—2 ft. 3 in. ,,	...	2	,,	9/9	,,	4	,,	14/3	,,
C 770.—1 ft. 2 in. ,,	...	2	,,	2/3	,,	4	,,	3/3	,,
C 771.—3 ft. 6 in. ,,	...	2	,,	12/6	,,	4	,,	17/-	,,
C 772.—1 ft. 3 in. ,,	...	2	,,	2/3	,,				
,, 2 ft. 0 in. ,,	...	2	,,	3/6	,,	4	,,	6/-	,,
C 773.—7 ft. 6 in. ,,	...					4	,,	70/-	,,
C 774.—2 ft. 1 in. ,,	..	2	,,	2/6	,,				
C 775.—4 ft. 7 in. ,,	...					4	,,	29/6	,,

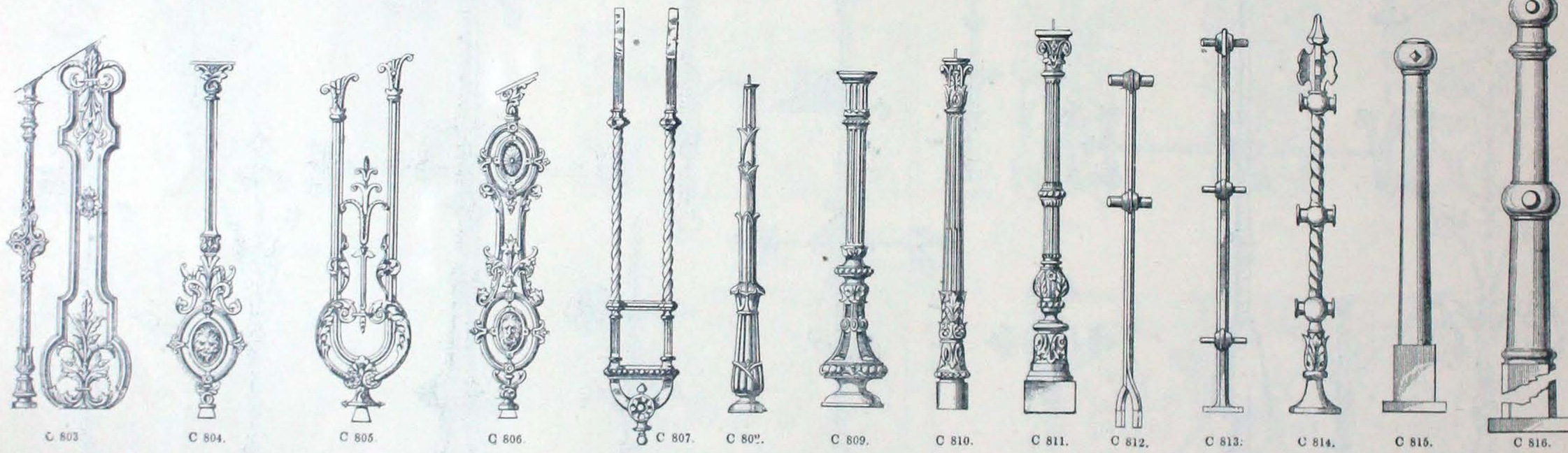
C 776.—2 ft. 3 in. high	...	2 ways,	9/3	each;	4 ways,		14/9	each.	
C 777.—5 ft. 6 in. ,,	...				4	,,	58/9	,,	
,, 12 ft. 0 in. ,,	...				4	,,	109/6	,,	
C 778.—2 ft. 11 in. ,,	...				4	,,	18/6	,,	
C 779.—3 ft. 6 in. ,,	..				4	,,	25/9	,,	
Fixings charged extra, except C 772 and C 765, 2 way, 25½ in. high, prices of which include Coach Screw.									
Coach Screw or Bolt and Nut fixings up to 9 in.					1/6 to 2/6 ea. extra.				
,, ,, ,, above 9 in. and not exceeding 2 ft					3/- to 5/-	,,	,,		

Further details will be sent on receipt of requirements.

STAIRCASE, BALUSTER, NEWEL AND RAILING BARS.



C 790. C 791 C 792. C 793. C 794 C 795. C 796. C 797. C 798. C 799. C 800 C 801. C 802.



C 803 C 804. C 805 C 806. C 807. C 808. C 809. C 810. C 811. C 812. C 813. C 814. C 815. C 816.

C 790.—Baluster Bar, 2 ft. 4½ in. long ... ... 2/- each.
,, ,, ,, 2 ft. 9 in. long ... ... 2/2 ,,
C 791.— ,, ,, any ordinary length ... ... 2/9 ,,
C 792.— ,, ,, 2 ft. 4 in. long ... ... 1/9 ,,
C 793.— ,, ,, 3 ft. 1 in. long ... ... 2/- ,,
C 794.— ,, ,, any ordinary length ... ... 1/6 ,,
,, ,, ,, with side caulking ... ... 2/2 ,,
C 795.— ,, ,, 2 ft. 9 in. long ... ... 2/- ,,
C 796.— ,, ,, 2 ft. 10 in. long ... ... 1/9 ,,
C 797.— ,, ,, 2 ft. 10 in. long ... ... 2/6 ,,
C 798.— ,, ,, 2 ft. 7 in. long ... ... 4/6 ,,
C 799.— ,, ,, 2 ft. 7 in. long × 7 in. wide ... ... 4/3 ,,
,, ,, ,, 2 ft. 9 in. long × 7 in. wide ... ... 4/4 ,,
,, ,, ,, 2 ft. 10½ in. long × 7 in. wide ... ... 4/4 ,,
,, ,, ,, 2 ft. 11½ in. long × 7 in. wide ... ... 4/6 ,,
,, ,, ,, 3 ft. 0 in. long × 7 in. wide ... ... 4/6 ,,

C 799.—Baluster Bar, 2 ft. 9½ in. long × 9 in. wide ... .. 4/4 each.
C 800.— ,, ,, any ordinary length, 8½ in. wide ... ... 4/- ,,
,, ,, ,, ,, ,, 9¼ in. wide .. ... 4/- ,,
,, ,, ,, with side caulkings ... ... 4/9 ,,
C 801.— ,, ,, 2 ft. 6½ in. long ... ... 3/10 ,,
,, ,, ,, 2 ft. 7½ in. long ... ... 4/- ,,
,, ,, ,, 2 ft. 8 in. long ... ... 4/- ,,
,, ,, ,, 3 ft. 0 in. long ... ... 4/3 ,,
C 802.— ,, ,, 2 ft. 7 in. long ... ... 3/10 ,,
C 803.— ,, ,, any ordinary length, single ... ... 2/3 ,,
,, ,, ,, ,, ,, double .. ... 4/9 ,,
C 804.— ,, ,, 2 ft. 10½ in. long ... ... 4/- ,,
C 805.— ,, ,, any ordinary length ... ... 3/4 ,,
,, ,, ,, with side caulking ... ... 4/- ,,
C 806.— ,, ,, 2 ft. 8 in. long ... ... 4/6 ,,
C 807.— ,, ,, 3 ft. 3 in. long ... ... 4/6 ,,

C 808.—Newel Bar, 2 ft. 4½ in. long, with three holes in top flange, and coach screw or bolt and nut in base ... ... } 5/6 each.
,, Ditto, 2 ft. 8 in. long, with pin in top ... ... 5/6 ,,
C 809.—Newel Bar, 2 ft. 10 in. to 3 ft. 2 in. long, with loose husk, and bolt and nut fixing ... ... } 10/- ,,
C 810.—Newel Bar, 2 ft. 10 in. long { *Bolts and Nuts or Wood Screws for fixing charged extra.* } 6/- ,,
C 811.— ,, ,, 3 ft. 2 in. long { *for fixing charged extra.* } 14·9 ,,
C 812.—Railing Standard, for 1 in. bars, 2 ft. 10 in. long ... ... 2/6 ,,
C 813.— ,, ,, for ¾ in. top and ½ in. lower bars, 3 ft. 2 in. long ... ... 3/- ,,
C 814.— ,, ,, for 1 in. bars, 3 ft. 3 in. long ... ... 9/3 ,,
Prices for other lengths on receipt of lengths and quantities required.
C 815.—Boundary Post { *A large number of patterns and sizes. Particulars and prices on receipt of requirements.* }
C 816.— ,, ,, { }

Prices quoted are for Plain Castings and fixings for Stone. Screw holes for Wood and Bronzing charged extra, also alterations of patterns to suit special lengths.

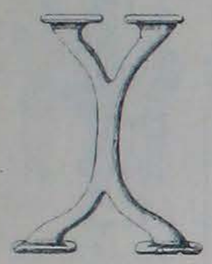
Further details will be sent on receipt of requirements.

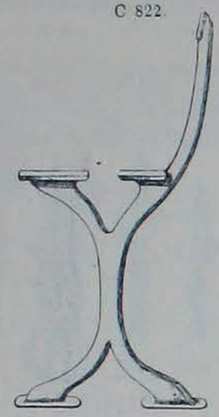

C 820.

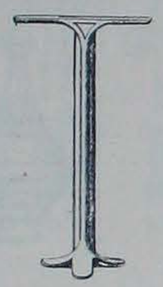

C 821.

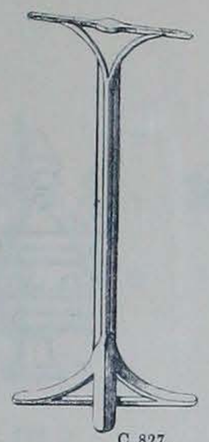

C 822.

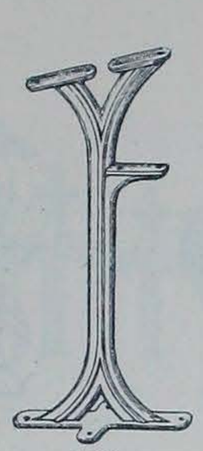

C 823.

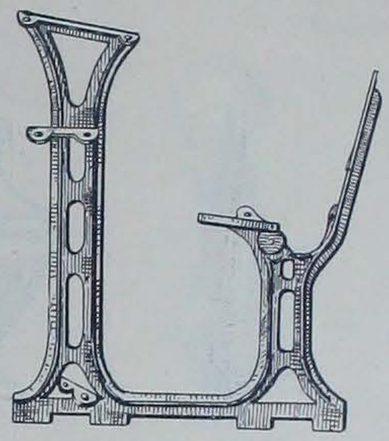

C 824.

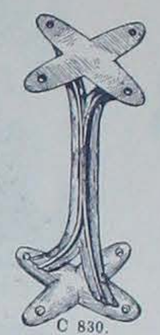

C 826.

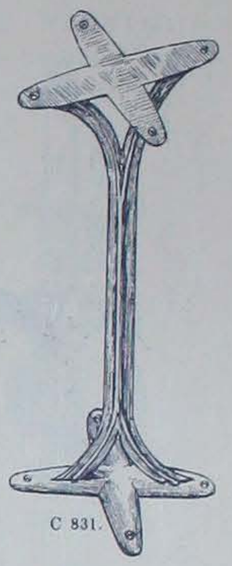

C 826.

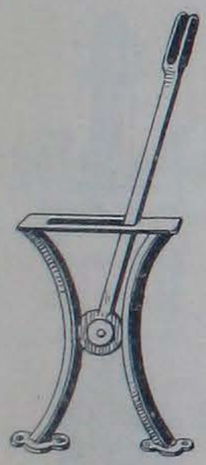

C 827.

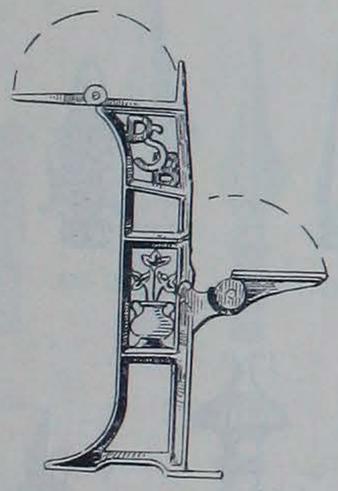

C 828.

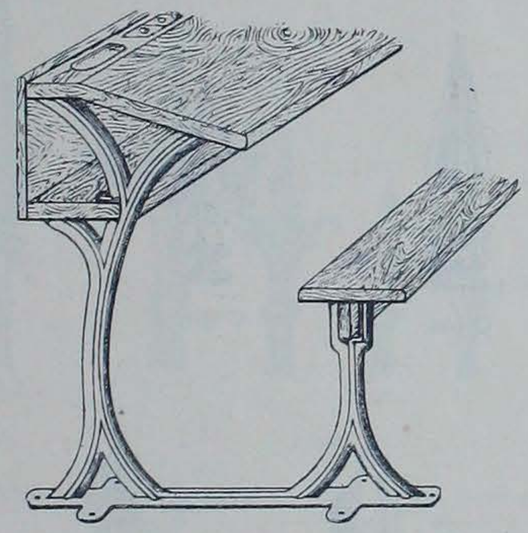

C 3620.

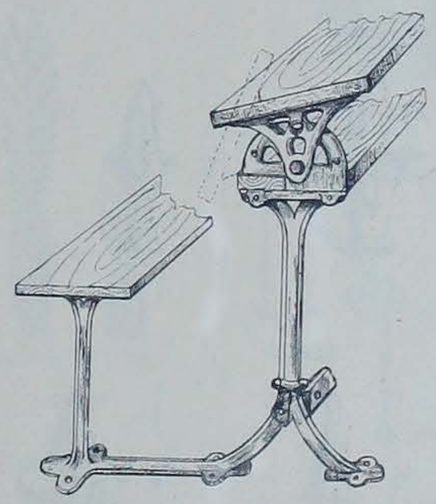

C 830.

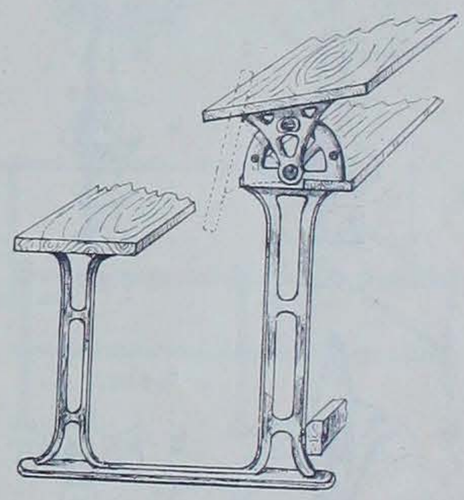

C 831.


C 3621.


C 3622.


C 834.


C 835.


C 836.

C 820.—Porcelain Covered Ink Well .. $1\frac{3}{4}$ in., 1/- per doz.
C 821.—Porcelain Open Ink Well $1\frac{1}{4}$ $1\frac{1}{2}$ in. diam. over top flange. 11d. 1/- per dozen.
,, Lead ditto $1\frac{1}{4}$ in. diam. over top flange, 3/- doz.
C 822.—Sliding Brass Ink Well Cover .. ... 9/- ,,
,, Ditto, Machine made ... ... 6/6 ,,
,, ,, Japanned Malleable Iron ditto... 4/3 ,,
C 823.—Hinged Brass ditto ditto ... ... 4/6 ,,
,, Ditto, Japanned Malleable Iron ditto .. 3/9 ,,
C 824.—Seat Standard, 12 in. high ... ... 2/3 each
,, ,, ,, 13, 14, or 15 in. high ... 2/4 ,,
,, ,, ,, 16 in. high ... ... 2/6 ,,
,, ,, ,, 18 in. ,, ... 2/10 ,,
C 825.—Seat Standard—
Seat 14 in., Back 25 in. high ... 3/- ,,
,, 15 in., ,, 26 in. ,, ... 3/3 ,,
,, $15\frac{3}{4}$ in., ,, 28 in. ,, .. 3/9 ,,
,, 17 in., ,, 30 in. ,, ... 3/9 ,,

C 826.—Seat Standard, 6 & 10 in. high 1/4 each.
,, ,, 11 in. ,, ... 1/8 ,,
,, ,, 12, 13, 14 in. ,, ... 1/9 ,,
,, ,, 1 ft. 3 in. ,, .. 2/- ,,
,, ,, 1 ft. 5 in. ,, ... 2/10 ,,
,, ,, 1 ft. 6 in. ,, ... 3/- ,,
,, ,, 1 ft. 7 in. ,, ... 3/3 ,,

The above Standard is now sent out with slot in top to take wood stretcher instead of with plain top as illustration.

C 827.—Desk Standard, 1 ft. 9 in. high 3/3 ,,
,, ,, 1 ft. $10\frac{1}{2}$ in. ,, 3/3 ,,
,, ,, 2 ft. 1 in. ,, 3/9 ,,
,, ,, 2 ft. $2\frac{1}{2}$ in. ,, 3/9 ,,
,, ,, 2 ft. 4 in. ,, 4/- ,,
,, ,, 2 ft. 8 in. ,, 4/3 ,,

C 828.—Desk Standard, 2 ft. $1\frac{1}{2}$ in. high 3/3 each.
,, ,, 2 ft. 5 in. ,, 3/6 ,,
C 3620.—Improved Desk and Seat Standard, with movable seat—
Desk $30\frac{1}{2}$ in. high ...
Seat $15\frac{1}{2}$ in. ,, ... } 6/9 ,,
C 830.—Seat Standard, 1 ft. 5 in. high 3/6 ,,
C 831.—Desk ,, 2 ft. $6\frac{1}{2}$ in. ,, 6/- ,,
C 3621.—Reversible Seat Standard—
$15\frac{3}{4}$ in. high .. .. 5/- ,,
$16\frac{1}{4}$ in ,, ... 5/- ,,
C 3622.—Improved Desk and Seat Standard, with folding desk & seat—
Desk $18\frac{3}{4}$ in., Seat $9\frac{1}{4}$ in. ... 4/- ,,
,, 22 in., ,, $13\frac{1}{2}$ in. ... 4/- ,,
,, $26\frac{1}{2}$ in., ,, $15\frac{1}{2}$ in. ... 4/9 ,,

C 834.—Desk and Seat Standard—
Desk 18 in., Seat 10 in. high 3/9 each.
,, 20 in., ,, 10 in. ,, 4/- ,,
,, $22\frac{1}{2}$ in., ,, 12 in. ,, 4/9 ,,
,, 23 in. ,, 12 in. ,, 4/9 ,,
,, 25 in. ,, 12 in. ,, 4/9 ,,
,, 25 in. ,, 13 in. ,, 4/9 ,,
,, $26\frac{1}{2}$ in. ,, $13\frac{1}{2}$ in. ,, 5/- ,,
,, $28\frac{1}{2}$ in. ,, 15 in. ,, 5/4 ,,

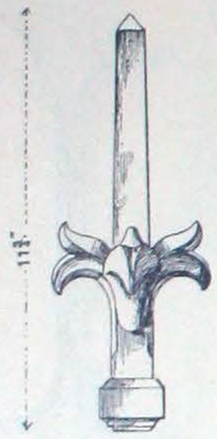
C 835.—Improved Quadrant Desk & Bench Standard, fitted for foot rail & book board—
Desk $25\frac{3}{4}$ in., Seat $14\frac{1}{4}$ in. high... 9/- each.

C 836.—Improved Quadrant Desk & Bench Standard, fitted for foot rail & book board—
Desk $27\frac{1}{2}$ in., Seat 16 in. high... 9/9 each.

Heights given are over ironwork, and do not include woodwork.

Further details will be sent on receipt of requirements.

CAST RAILING HEADS.



C 842.



C 843.



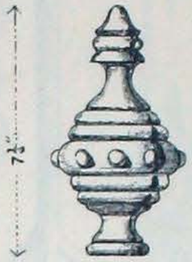
C 844



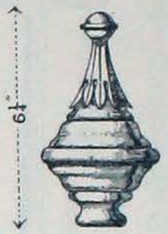
C 845.



C 846.



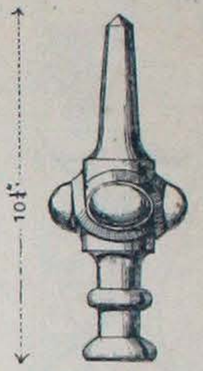
C 847.



C 848.



C 849.



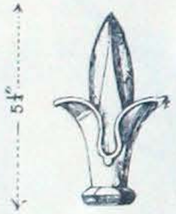
C 850.



C 851.



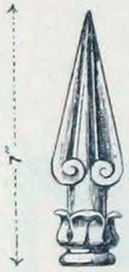
C 852.



C 853.



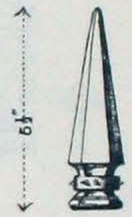
C 854.



C 855.



C 856.



C 857.



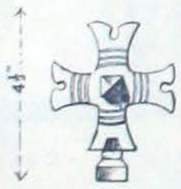
C 858.



C 859.



C 860.



C 861.



C 862.



C 863.



C 864.



C 865.



C 866.



C 867.



C 868.

PRICES–

C 842. 2/-	C 843. 6½d.	C 844. 9d.	C 845. 2/-	C 846. 10½d.	C 847. 1/5	C 848. 1/2	C 849. 5½d.	C 850 1/4 each.
C 851. 8d	C 852. 5d.	C 853. 3½d.	C 854. 3d.	C 855. 5d.	C 856. 2½d.	C 857. 2½d.	C 858. 3½d.	C 859 6d. each.
C 860. 1/-	C 861. 3d.	C 862. 3d.	C 863. 2½d.	C 864. 4d	C 865 2d.	C 866. 6d.	C 867. 3d.	C 868. 6d. each

Special prices quoted for large quantities.

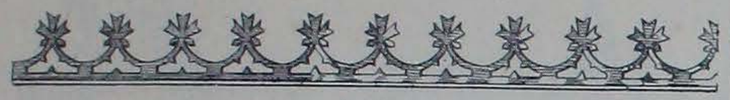
Scale, 2 inches = 1 foot.

Further details will be sent on receipt of requirements.

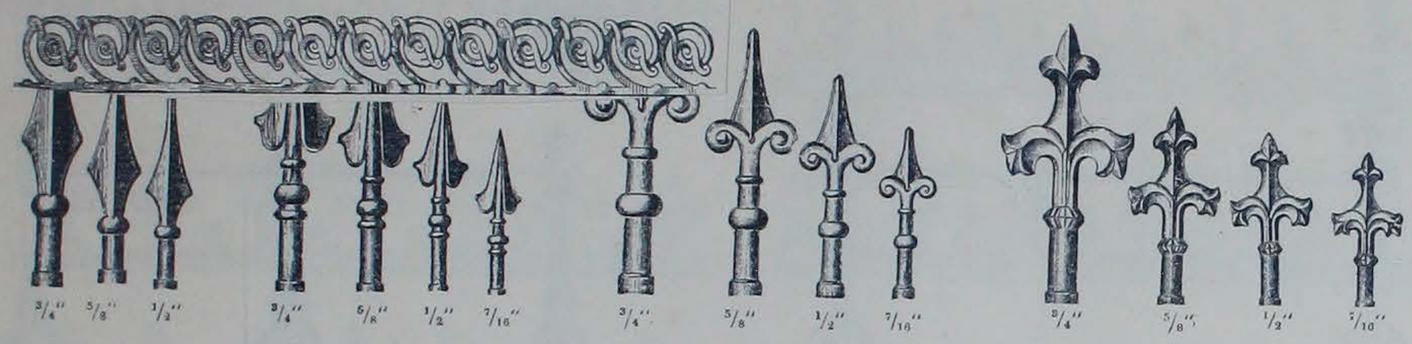
CAST IR BAR HEADS AND FITTINGS.

RAILING HEADS.

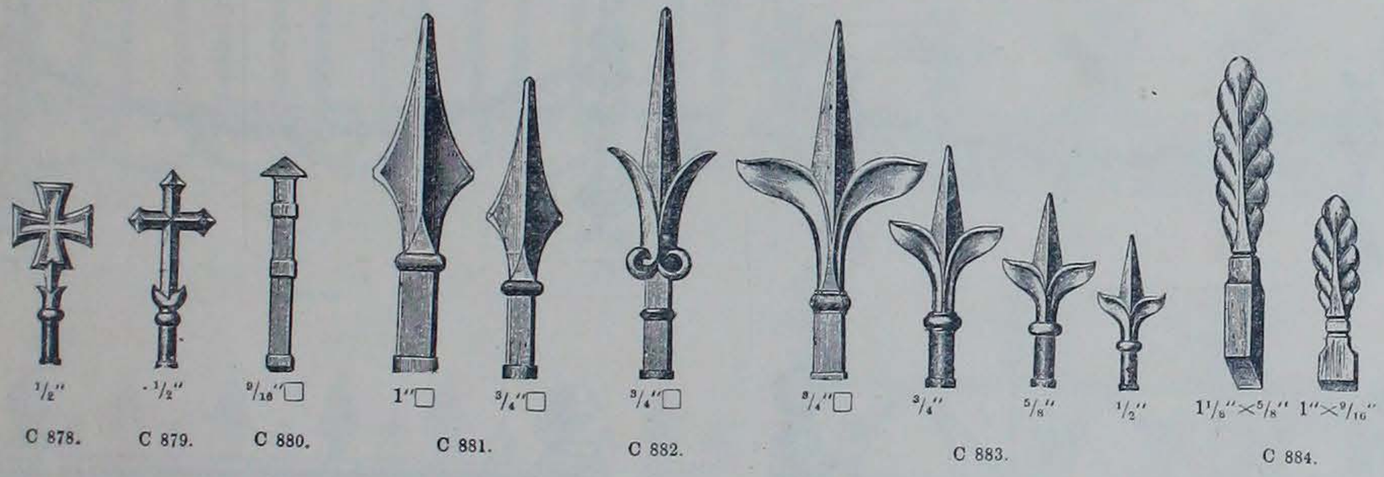
LDING ON BARS.



C 907.



C 874. C 875. C 876. C 877.



C 878. C 879. C 880. C 881. C 882. C 883. C 884.

C 874.—½ in. Round Shank 1/11 per doz.
,, ⅝ in. ,, 2/6 ,,
,, ¾ in. ,, 4/3 ,,

C 875.—7/16 in. ,, 1/8 ,,
,, ½ in. ,, 2/3 ,,
,, ⅝ in ,, 3/2 ,,
,, ¾ in. ,, 4/9 ,,
,, ⅞ in. ,, 6/10 ,,

C 876.—7/16 in. ,, 1/11 ,,
,, ½ in. ,, 2/6 ,,
,, ⅝ in. ,, 3/4 ,,
,, ¾ in. ,, 5/- ,,

C 877.—7/16 in. Round Shank 1/11 per doz.
,, ½ in. ,, 2/3 ,,
,, ⅝ in. ,, 3/4 ,,
,, ¾ in. ,, 5/- ,,
,, ⅞ in. ,, 7/6 ,,
,, 1 in. ,, 14/- ,,

C 878.—½ in. ,, 4/2 ,,

C 879.—½ in. ,, 5/3 ,,

C 880.—9/16 in. Square Shank 8/3 ,,

C 881.—¾ in. ,, 6/6 ,,
,, 1 in. ,, 11/- ,,

C 882.—¾ in. Square Shank 8/- per doz.

C 883.—½ in. Round Shank 2/6 ,,
,, ⅝ in. ,, 3/4 ,,
,, ¾ in. ,, 5/- ,,
,, ¾ in. Square Shank 13/6 ,,
,, ¾ in. × ½ in. 5/9 ,,
,, ⅞ in. Square Shank 17/6 ,,
,, 1 in. ,, 23/6 ,,

C 884.—1 in. × 9/16 in do. 6/10 ,,
,, 1⅛ in. × ⅝ in. do. 11/6 ,,

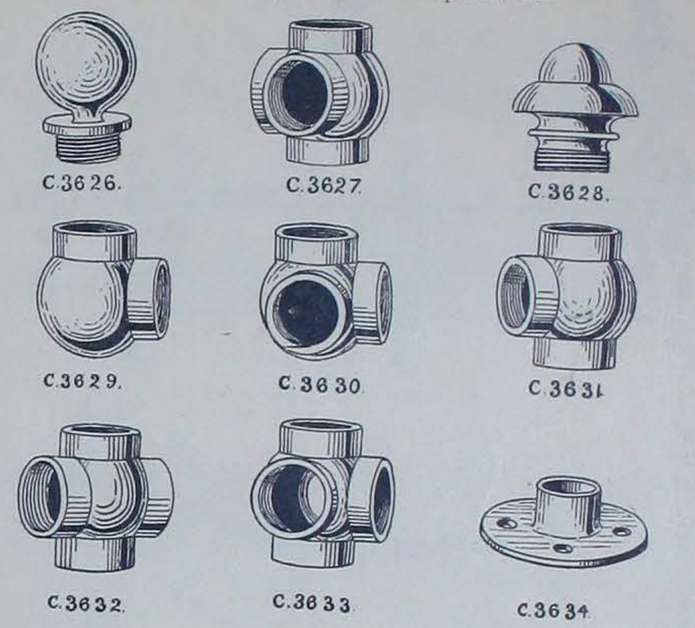
Heads with Round Shanks can be welded to Square Bars of a smaller size.

Scale—2 in. = 1 ft., viz. 1/6th full size.

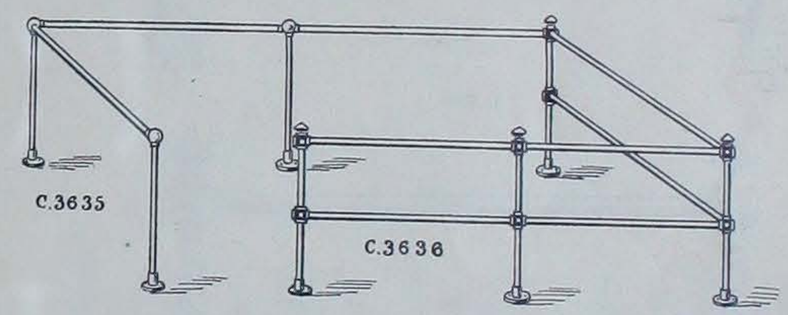
Various other patterns can be supplied when large quantities are required.

MALLEABLE IRON RAILING FITTINGS.

Screwed for Wrought Iron Pipe, for Fences, Enclosing Engines and Machinery, Exhibition Spaces, &c.



C.3626. C.3627. C.3628. C.3629. C.3630. C.3631. C.3632. C.3633. C.3634.



C.3635 C.3636

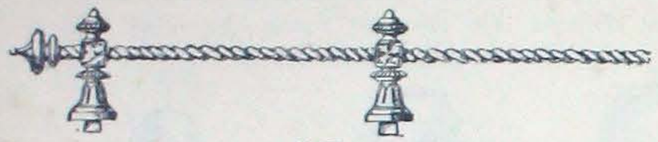
	½	¾	1	1¼ inch.
C 3626.—Ball Ornament ...	8d.	9d.	10d.	1/2 each.
C 3627.—Side Outlet Tees, equal or diminishing ...	9d.	1/2	1/5	2/- ,,
C 3628.—Acorn Ornament ...	8d.	9d.	10d.	1/2 ,,
C 3629.—Elbows, equal or diminishing	7d.	10d.	11½d.	1/9 ,,
C 3630.—Side Outlet Elbows, equal or diminishing ...	8d.	1/-	1/2	1/11 ,,
C 3631.—Tees ditto ditto ...	8d.	1/-	1/2	1/11 ,,
C 3632.—Crosses ditto ditto ...	9d.	1/2	1/5	2/- ,,
C 3633.—Side Outlet Crosses, equal or diminishing ...	10d.	1/4	1/7	2/1 ,,
C 3634.—Flanges	9d.	10d.	1/2	2/- ,,

All the above are tapped right hand thread, unless otherwise ordered. As these fittings do not need to be steam or water tight a sufficiently clean thread to screw up well and make a good job can be made by running a left hand tap into any outlet tapped right hand.

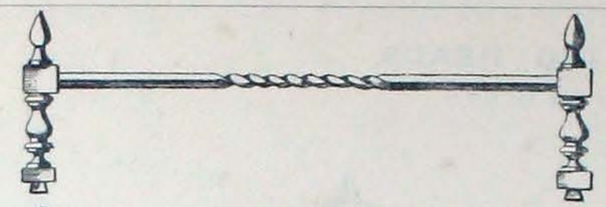
Prices for Railing fitted up as C 3635 *or* C 3636, *on receipt of requirements.*

Further details will be sent on receipt of requirements.

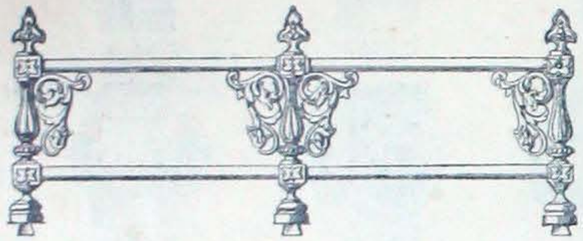
WINDOW GUARDS AND TOMB



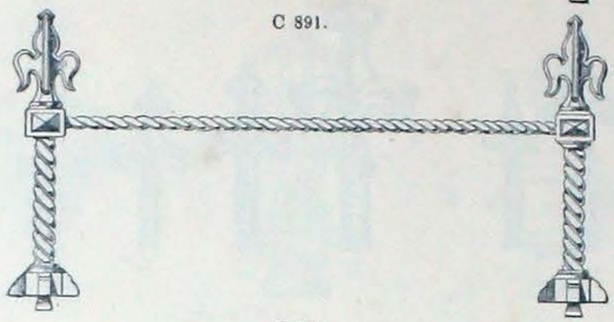
C 890.



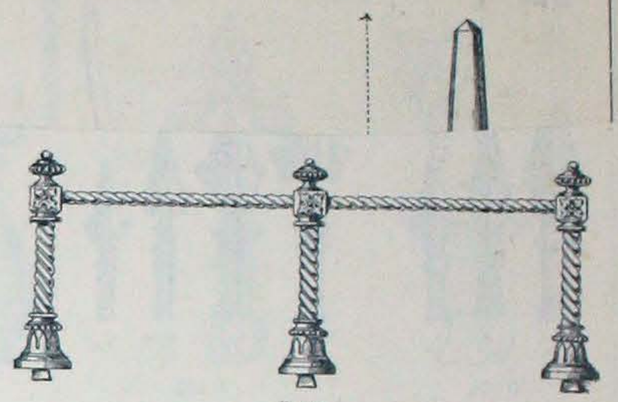
C 891.



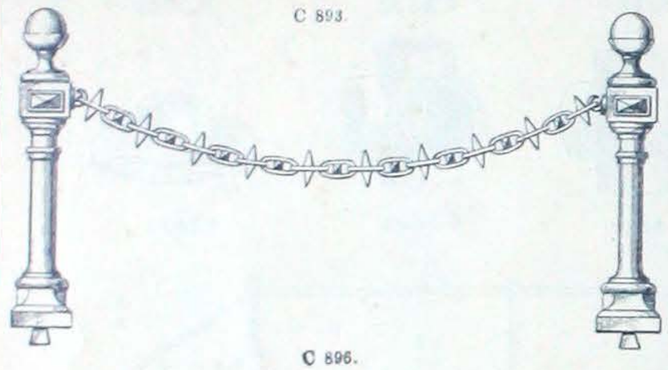
C 893.



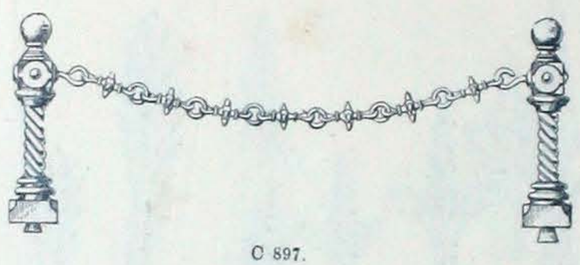
C 894.



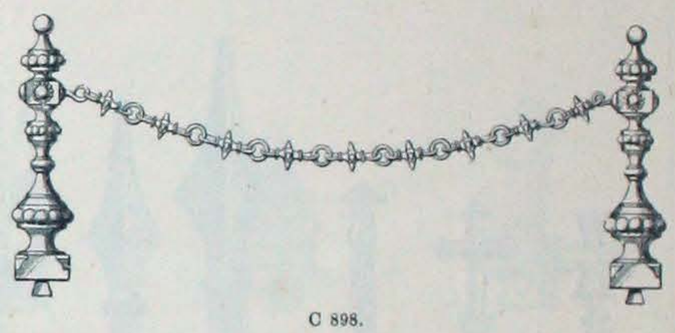
C 895.



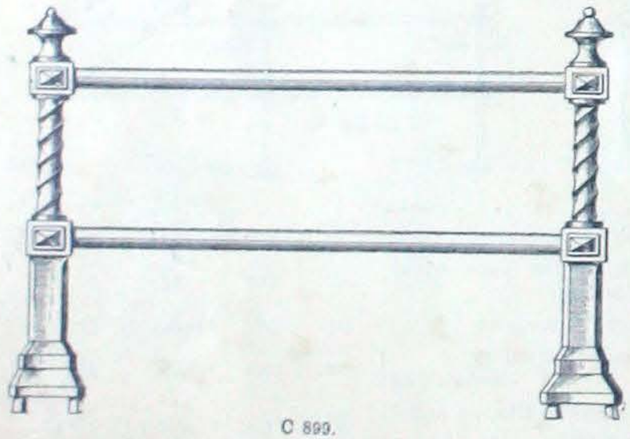
C 896.



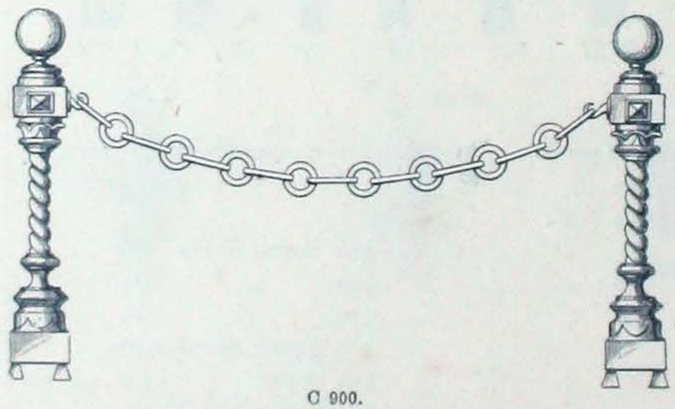
C 897.



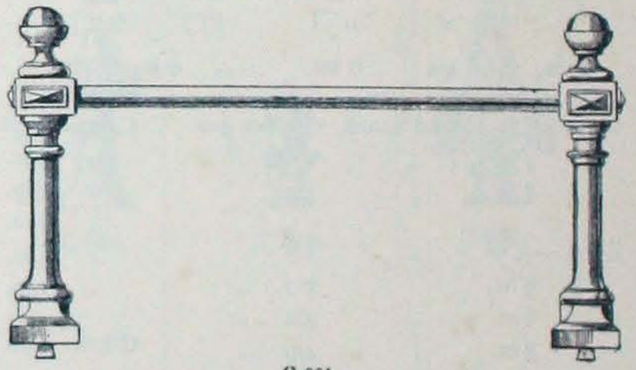
C 898.



C 899.



C 900.



C 901.

C 890.—Pillar, 7 in. high, 5 in. high to top of rail, Base 3 in. diam. Centre, 1/8; Corner, 2/3 each.
Twisted Rail, 1 in. diameter, 10d. per foot; Knobs, 1/- per pair; Fitting Knobs, 1/- extra per pair.

C 891.—Pillar, 12 in. high, 7½ in. high to top of rail, Base 2¼ in. square, 2/- each. Bar 1 in. square, 11d. per foot.

C 892.—Pillar, 10¼ in. high, 7½ in. high to top of bar, Base 2½ in. diameter, 3/- each. Bar 1 in. diameter, 10d. per foot.

C 893.—Pillar, 15½ in. high, 11½ in. high to top of top bar, 4 in. high to top of lower bar, Base 2⅜ in. square, 3/3 each.
Wrought Double Bar, 1/2 per foot.

C 894.—Pillar, 1 ft. 7 in. high, 1 ft. high to top of bar, Base 4⅜ in. over all, 4/3 each. Bar 1 in. diameter, 10d. per foot.
Pillar also supplied with Spike to drive into ground, 6/- each.
Base can be reduced to 2½ in. square by taking off projections.

C 895.—Pillar, 1 ft. 2½ in. high, 11⅜ in. high to top of bar, Base 3⅜ in. diameter, 2/9 each; Corner ditto, 3/- each.

Ditto, 1 ft. 6 in. high, 15¾ in. high to top of bar, Base 3⅞ in. diam., 3/3 each; Corner ditto, 3/6 each. Bar, 1 in. diam., 10d. per foot.

C 896.—Pillar, 22 in. high, Base 4 in. square, 8/6 each.
Wrought Spike Chain, 1/- per foot.

C 897.—Pillar, 14 in. high, Base 3 in. square, 4/- each.
Combined Wrought and Cast Galvanized Chain, 1/3 per foot.
Can also be supplied with 1 in. Twisted Rail, as to C 894.

C 898.—Pillar, 16 in. high, Base 3 in. square, 4/6 each.
Combined Wrought and Cast Galvanized Chain, 1/3 per foot.

C 899.—Pillar, 24½ in. high, 20 in. high to top of top bar, 10 in. high to top of lower bar, Base 4⅜ in. over all, 6/- each. 1¼ in. Wrought Round Bars or 1 in. square on edge, 1/6 per ft. for double bars.

C 900.—Pillar, 24 in. high, Base 3¾ in. square, 9/6 each.
Wrought Chain, 1/2 per foot; Lighter Chain, 1/- per foot.

C 901.—Pillar, 22 in. high, 16½ in. high to top of bar, Base 4 in. square, 8/6 each. 1¼ in. Wrought Bar, 9d. per foot.

Prices include Painting one coat. We recommend all Tomb Railings to be Galvanized, which costs about one-half more.

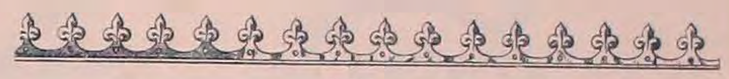
Further details will be sent on receipt of requirements.



C 907.



C 908.



C 909.



C 910.

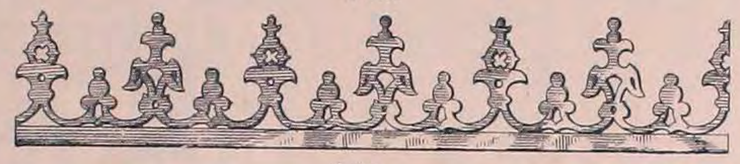


C 911.

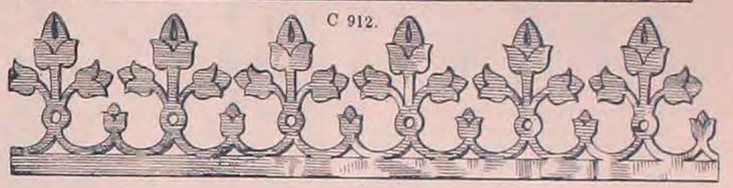
C 912.



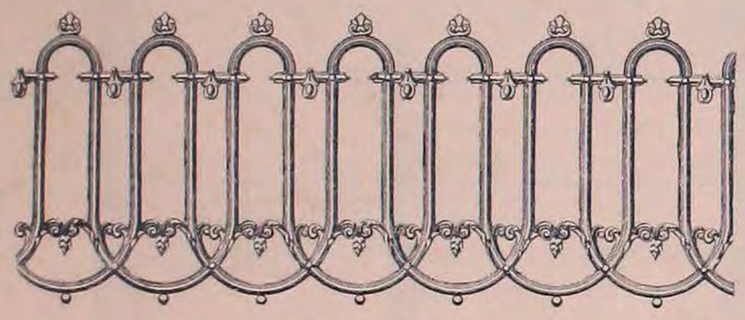
C 913.



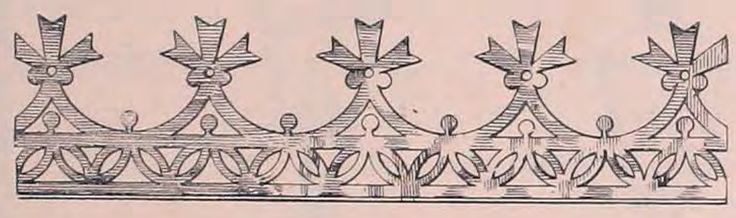
C 914.



C 915.



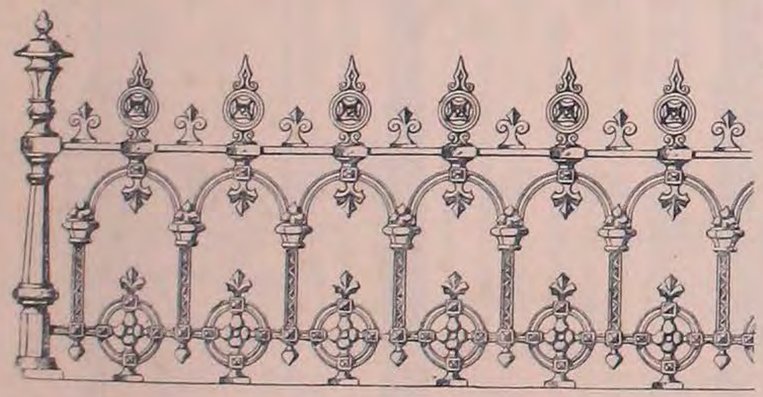
C 916



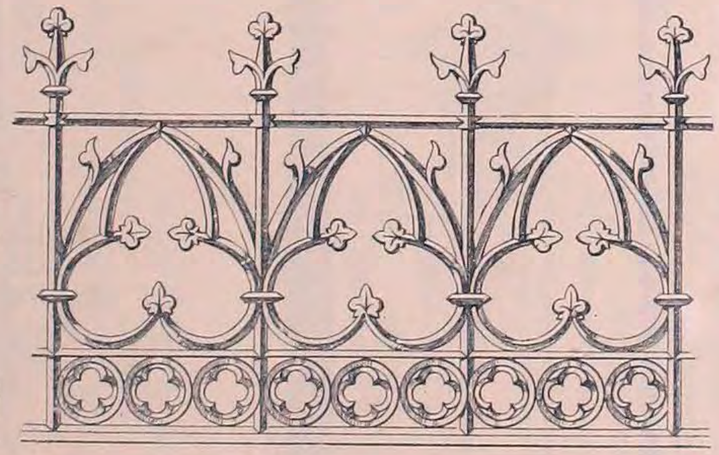
C 917.



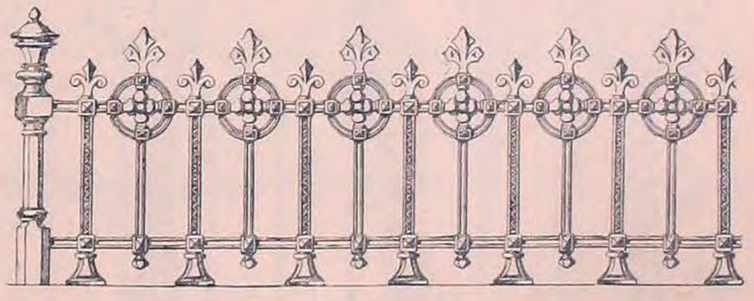
C 918.



C 919



C 920.



C 921.

C 907.—Cresting, 5 in. high, in 3 ft. 7½ in. lengths, 2/6 per yard.
C 908.— ,, one face only, 5 in. high, in 1 ft. 11 in. lengths ... ... 2/6 ,,
C 909.— ,, 3¾ in. high, in 3 ft. 7½ in. lengths, 1/9 ,,
C 910.— ,, 5⅜ in. ,, 2 ft. 9⅜ in. ,, 2/9 ,,
C 911.— ,, 6¾ in. ,, 3 ft. 4 in. ,, 2/9 ,,
C 912.— ,, 6 in. ,, 2 ft. 11 in. ,, 2/9 ,,
C 913.— ,, 8¾ in. ,, 3 ft. 9 in. ,, 3/6 ,,

C 914.—Cresting, 9½ in. high, in 4 ft. 0 in. lengths, 3/- per yard.
C 915.— ,, 11½ in. ,, 4 ft. 0 in. ,, 4/- ,,
C 916.—Railing, 1 ft. 9 in. ,, 4 ft. 1¾ in. ,, 5/6 ,,
Pillars for ditto, 3/3 each.
C 917.—Cresting, 1ft. 1¼in. high, in 3ft. 11¼in. lengths, 4/- per yard.
C 918.—Railing, 1ft. 2½in. ,, 3ft. 6in. ,, 5/8 ,,
C 919.— ,, 2ft. high ... ... 9/3 ,,
Pillars for ditto, 2ft. 7in. high, 6/6 each.

C 920.—Railing, 2ft. 7in. high, in 3ft. 8⅝in. lengths, 10/- per yard.
C 920 is also made 20in. high, in 4ft. lengths ... 6/3 ,,
,, ,, 24in. ,, 4ft. ,, ... 7/3 ,,
,, ,, 25½in. ,, 3ft. 8⅝in. lengths, 7/- ,,

C 921.—Railing, 1ft. 6in. high ... ... 7/6 ,,

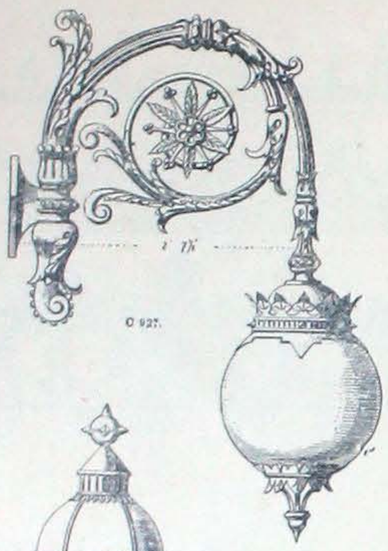
Pillars, 1ft. 9in. high, 4/3 each.

Fitting, drilling, or cutting to lengths, extra.

Further details will be sent on receipt of requirements.

LAMP PILLARS AND LANTERNS.

C 927.



C 928.



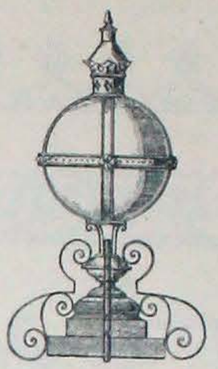
C 929.

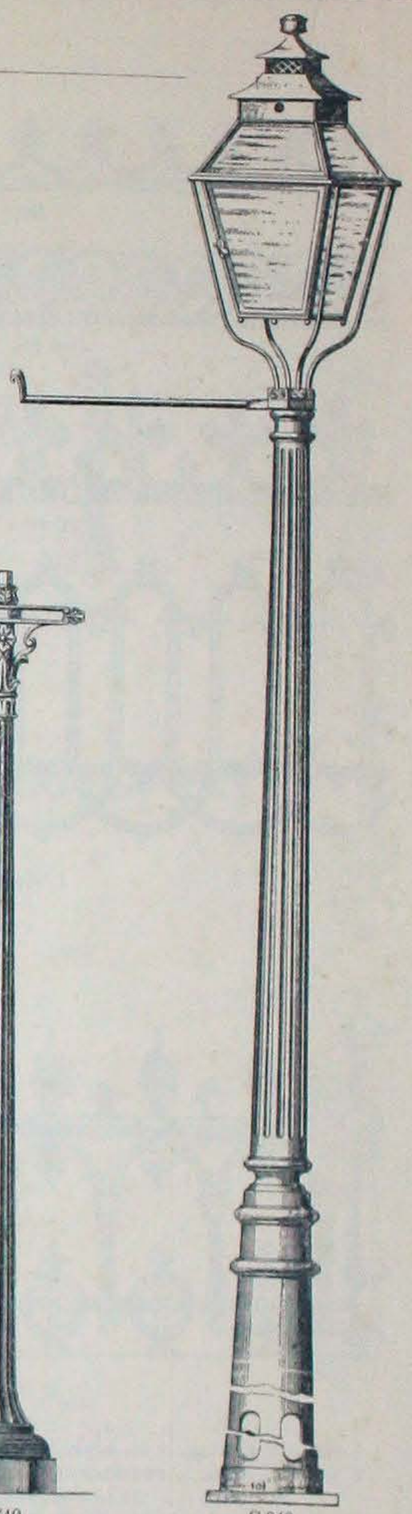


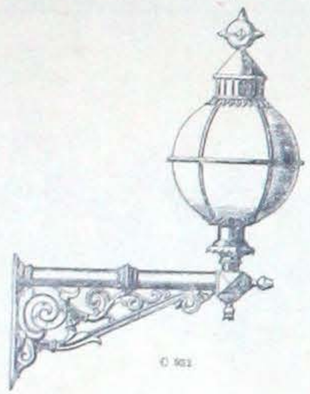
C 930.



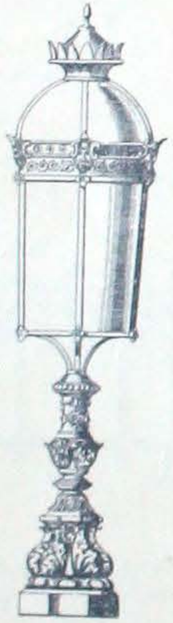
C 931.

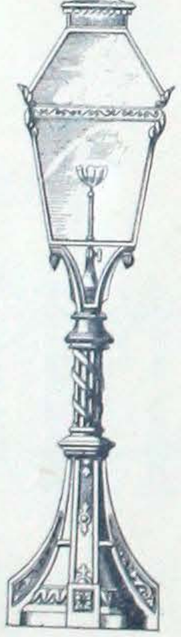


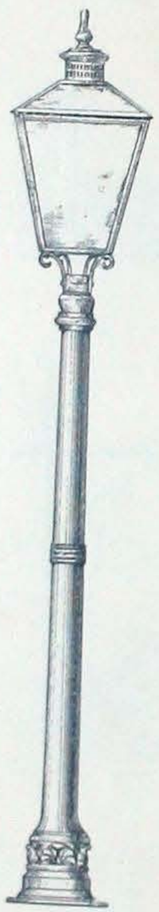


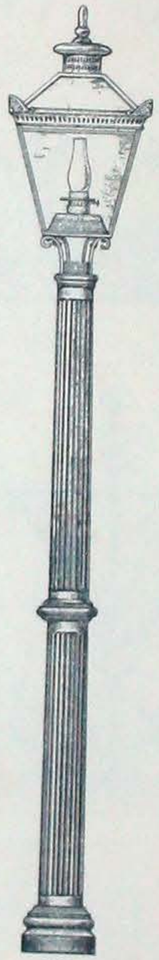


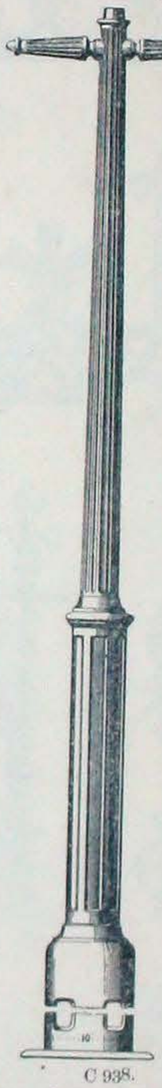


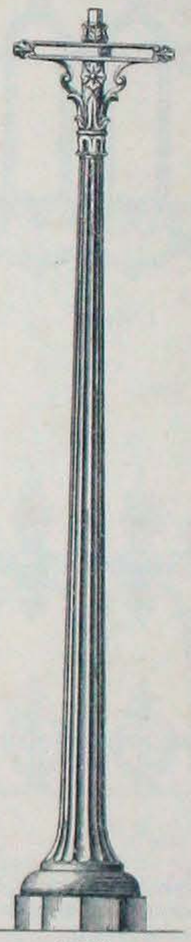












C 933. C 934. C 935. C 936. C 937. C 938. C 3640. C 940.

C 927.—Lamp Bracket only	60/6 each.	Lamp Pillars	C 928.	C 929.	C 930.	C 931.	C 933.	C 934.	C 935.	C 936.	C 937.	C 938.	C 3640.
,, Ditto, with Lantern and Gasfittings complete	168/9 ,,	Height	1 ft. 3¾ in.	10 in.	10 in.	1 ft.	2 ft. 8½ in.	2 ft. 7 in.	2 ft. 9½ in.	5 ft. 6 in.	6 ft.	9 ft. 11 in.	9 ft. high.
C 932.—Lamp Bracket only, 1 ft. 11½ in. projection to centre	27/- ,,	Prices of Pillars only ..	38/6	11/9	14/-	42/6	25/9	42/3	53/6	26/9	36/6	47/6	30/- each.
,, Lantern only, with Socket to attach to Bracket, 14 in.	38/6 ,,												
C 940.—Pillar only, fixing for earth 11 ft. 5¼ in. over all	41/- ,,												
,, Cradle and Ladder Iron	10/6 ,,												
,, Lantern only, exclusive of Cradle, 14 in.	15/- ,,												
,, Ditto ditto 16 in.	20/- ,,												

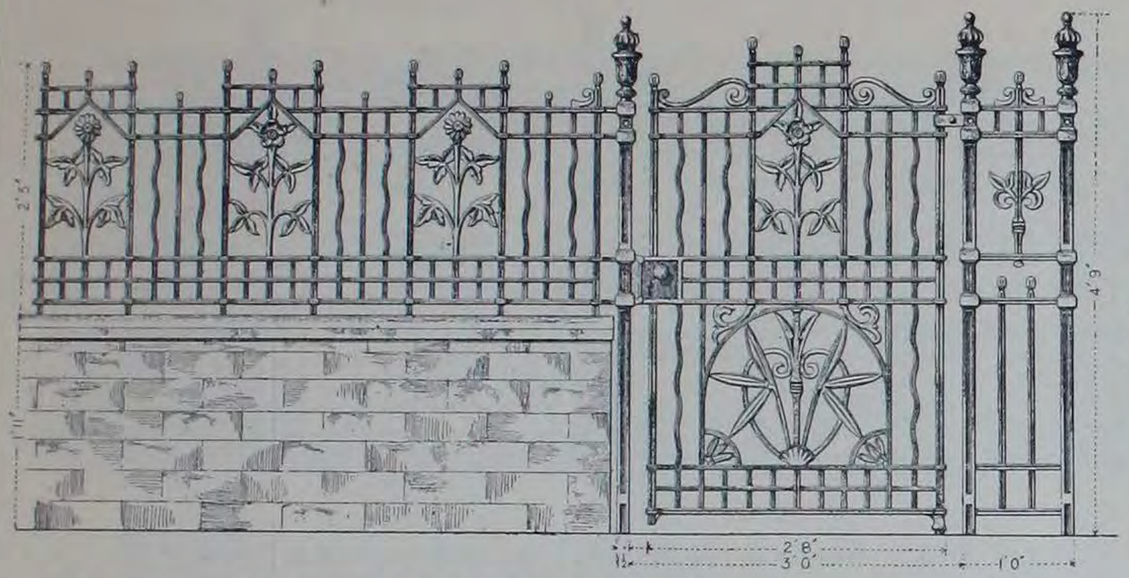
All to fix to Stone, except C 938, which is 11 ft. 9 in. over all. C 928 has single base only.
C 3640 has plain base, not octagon as illustrated. Other patterns with earth fixings at extra cost.

Lanterns for Pillars	C 928.	C 928.	C 930.	C 931.	C 933.	C 934.	C 935.	C 936.	C 937.		
Size	12 in.	14 in.	10 in.	14 in.	16 in.	14 in.	14 in.	14 in.	16 in.	14 in.	
Prices, including Sockets and Spiders to attach to Pillars	29/-	51/9	52/3	42/6	47/6	82/6	49/6	25/9	30/9	30/9 each.	

Special Prices for quantities of No. C 940 for Street Lighting.—All prices are exclusive of Lamps or Gasfittings, except No. C 927. Fittings for Gas, 2/6 to 8/- extra. Petroleum Lamps, with Duplex Burners, 10/- to 15/- extra.
Prices include painting pillars one coat, lamps two coats, plain colours. Lamps in Copper instead of Tin, about 15/- to 25/- extra. If Opal Tops to Lamps instead of clear glass—Square, about 3/6 extra; Round, about 12/6 extra.

Further details will be sent on receipt of requirements.

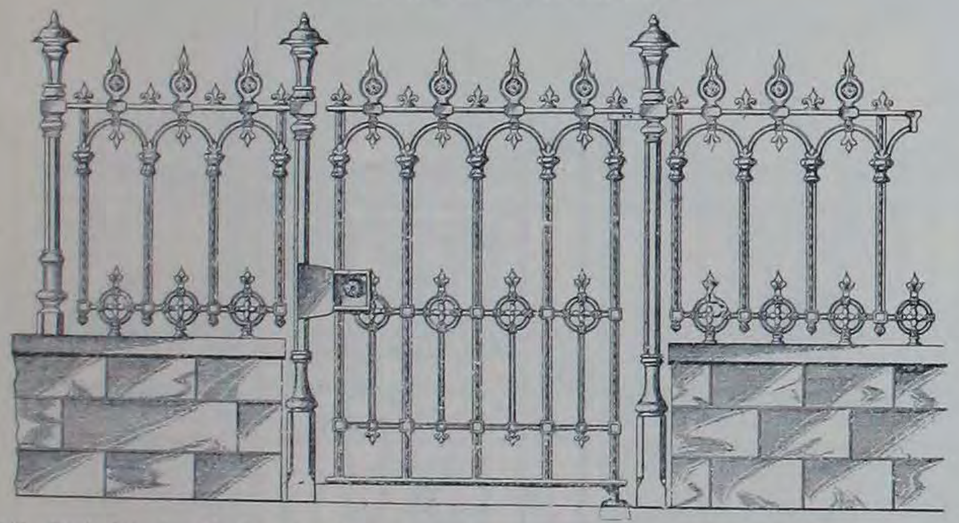
CAST IRON GATES AND RAILINGS.



C 945.—Single Gate, for 3 ft. opening × 4 ft. 7 in. high, fitted for Iron Standards, or for Stone, Brick, or Wood Piers, with Lift-up Latch and Knobs, and Locking Box, Painted one coat — 30/- each.
If fitted with Lock having Brass Bolt and Wards ... 35/- ,,
Cast Iron Standards, 4 ft. 9 in. high × 1¼ in. wide ... 16/9 pair.
,, Pilasters, 4 ft. 9 in. high × 12 in. wide ... 42/6 pair.
,, Railing, 2 ft. 5 in. high, to suit wall 1 ft. 11 in. high, cast in 3 ft. 4 in. lengths, fitted and Painted one coat ... 4/- per ft.
Cut lengths charged as full lengths.



946.—Single Gate, for 3 ft. 5 in. opening × 5 ft. high, fitted for Iron Standards, or for Stone, Brick or Wood Piers, with Lock and Knobs, and Painted one coat ... 48/6 each
Cast Iron Standards to suit, 2¼ in. wide, with Stay ... 21/6 pair.
,, Pilasters ,, 12 in. ,, ,, ... 51/6 ,,
,, Railing, 1 ft. 10 in. high, to suit wall 1 ft. 11 in. high, cast in 3 ft. 8 in. lengths, fitted, and Painted one coat ... 3/7 per ft.
Cast Iron Coping for wall 9 in. × 4 in., with Sockets for Bats of Railing ... 1/8 ,,



C 947 – Single Gate, fitted for Iron Standards, or with Hangings for Stone, Brick, or Wood Piers, with Lift-up Latch, and Knobs, and Striking Box. Painted one coat.

	each.		each.
For Opening 3ft. 0in. × 3ft. 7in. to suit 2ft. railing	24/-	For Opening 3ft. 0in. × 4ft. 1in. to suit 2ft. 7in. railing	24/-
,, 3ft. 0in. × 4ft. 1in. ,, ,,	25/6	,, 3ft. 7½in. × 4ft. 1 in. ,, ,,	27/6
,, 3ft. 7½in. × 4ft. 10in. ,, ,,	32/6	,, 3ft. 7½in. × 4ft. 10in. ,, ,,	32/6
,, 3ft. 0 in. × 3ft. 10in. ,, 2ft. 7 in. ,,	23/6		

If fitted with Lock having Brass Bolt and Wards, 8/6 extra.

RAILING AND STANDARDS FOR C 947 or C 948. Prices include fitting and painting one coat.

RAILING.

1 ft. 6 in. high ...	3/- per ft.	2 ft. 7 in. high ...	3/10 per ft.
2 ft. ,, ...	3/5 ,,	4 ft. ,, ...	5/7 ,,

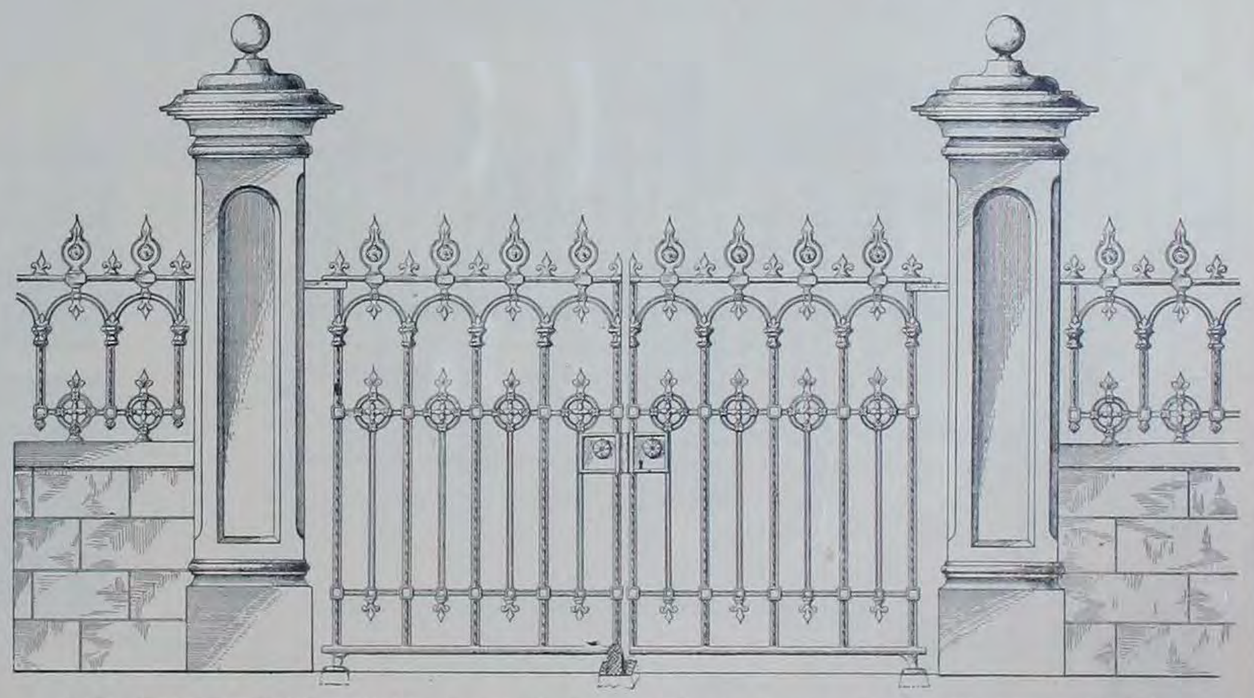
Also supplied 3 ft. 1 in. and 3 ft. 9 in. high, which will be quoted for on application.

DWARF STANDARDS.

For 2 ft. Railing ...	7/- each.
,, 2 ft 7 in. ,, ...	8/9 ,,
,, 4 ft. ,, ...	13/9 ,,

GATE STANDARDS with Backstays (forming Scrapers)

For 3 ft. 7 in. high ...	27/6 per pair.
,, 4 ft. 1 in. ,, ...	32/6 ,,
,, 4 ft. 10 in. ,, ...	49/- ,,

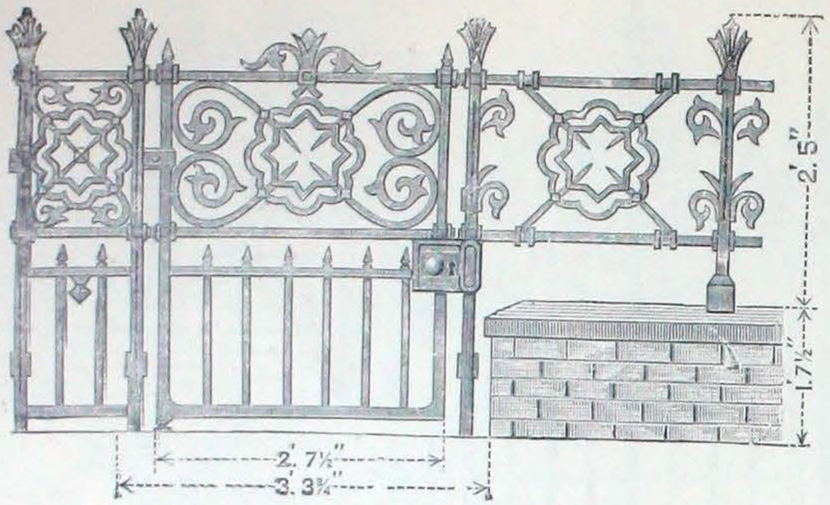


C 948.—Pair of Double Gates, fitted for Iron Standards, or with Hangings for Stone, Brick, or Wood Piers, with Lock having Brass Bolt, stop with self-fixing base, and bolt to secure the half closing first. Painted one coat.

	per pair.		per pair.
For Opening 5ft. 8in. × 3ft. 7in. to suit 2 ft. Railing	75/6	For Opening 5ft. 8in. × 4ft. 1in. to suit 2ft. 7in. Railing	79/-
,, 5ft. 8in. × 4ft. 1in. ,, ,,	79/-	,, 6ft. 11in. × 4ft. 1in. ,, ,,	87/6
,, 6ft. 11in. × 4ft. 10in. ,, ,,	97/6	,, 6ft. 11in. × 4ft. 10in. ,, ,,	97/6
,, 5ft. 8in. × 3ft. 10in. ,, 2 ft. 7 in. ,,	77/6		

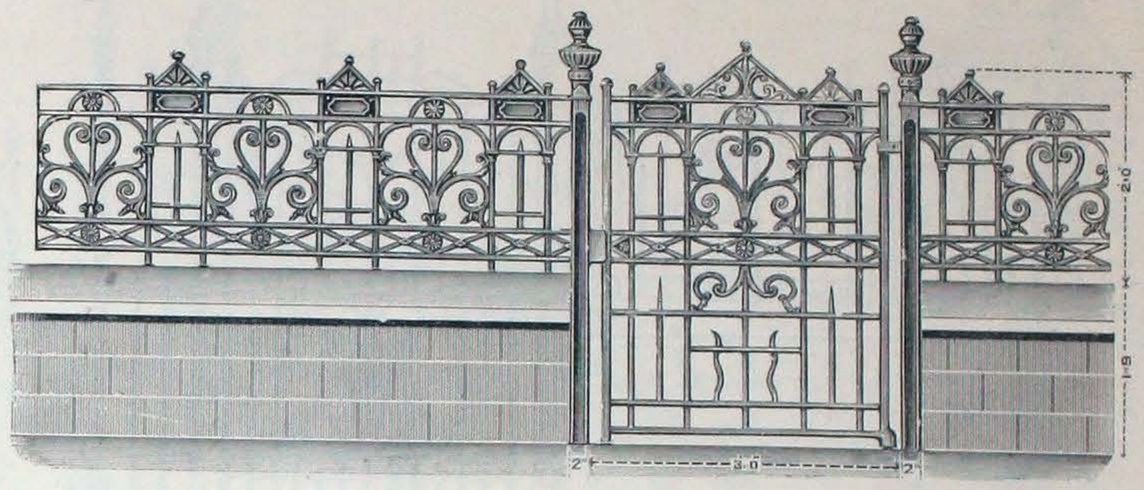
Further details will be sent on receipt of requirements.

CAST IRON GATES AND RAILINGS.



C 3645.

Gate, as dimensions above, fitted with lift-up latch, and with hangings for stone, brick, or wood piers, including step and locking box	...	24/- each.
Ditto, ditto, with pair of standards and braces complete	...	29/- ,,
If Pilaster instead of Hanging Pillar, extra	...	4/- ,,
Railing Panels, 1ft. 5½in. long	...	1/10 ,,
Dwarf Wall Standards for Railing	...	1/10 ,,
Double Length of Wrought Iron Rod, 1in. diameter, fitted to Panels	...	9d. per foot.

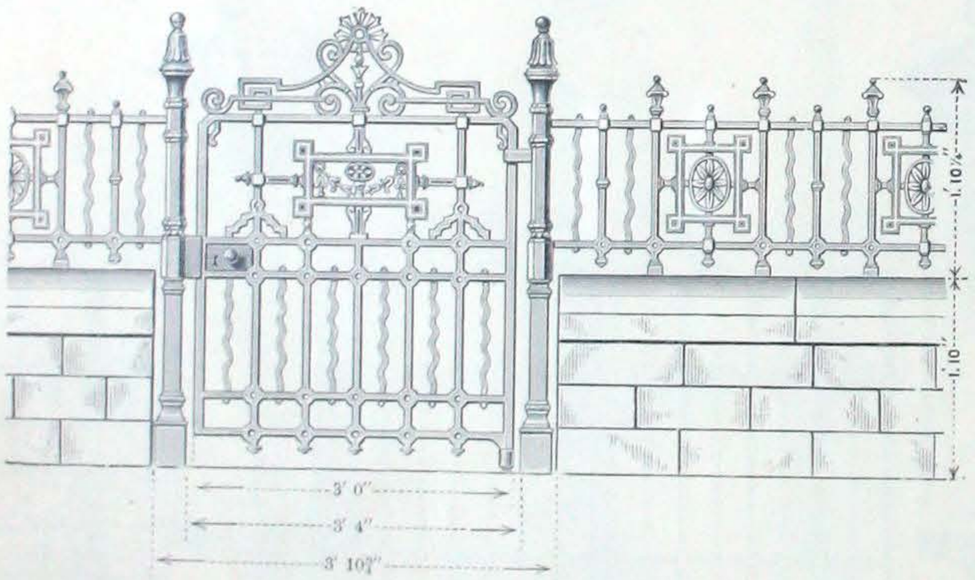


C 3647.

Gate, 2 ft. 8 in. × 3 ft. 11 in., for opening 3 ft. wide, with Locking and Hanging Standards and Braces, fitted with Lock and Knob, Clip and Bolt, ready for erection	...	52/9 each.
Gate, 3 ft. 2 in. × 3 ft. 11 in., for opening 3 ft. 6 in. wide ditto ditto ditto	...	56/- ,,
Railing Panels, 2 ft high	...	2/6 per foot.
Coping to suit 9 in wall	...	2/- ,,

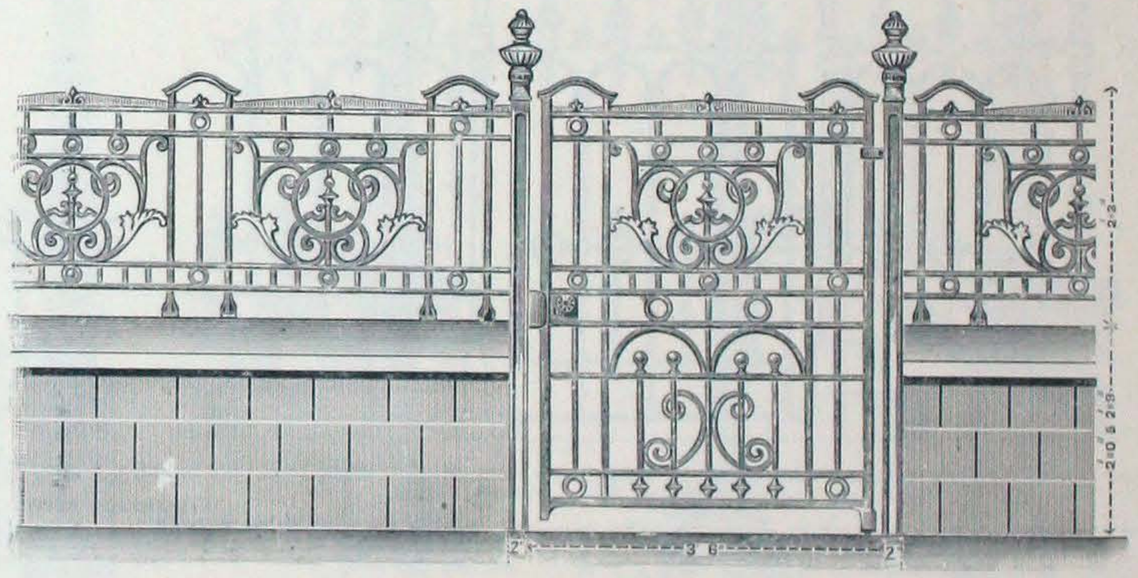
If without Lock and Knob, 3/6 less.

If without Locking or Hanging Standards, 13/6 less.



C 3646.

Gate, as dimensions above, fitted with lift-up latch, and with hangings for stone, brick or wood piers, including step and locking box	...	29/- each.
Ditto, ditto, with pair of Standards and Braces complete	...	48/6 ,,
Railing Panels, 1 ft. 10½ in. high	...	2/6 per foot.
Dwarf Wall Standards for Railing	...	5/3 each.



C 3648.

Gate, 3 ft. 2 in. × 4 ft. 2½ in. high, with Locking and Hanging Standards and Braces, fitted complete with Lock and Knob, Clip and Bolt, ready for erection	...	56/- each.
Gate, 3 ft. 2 in. × 5 ft. high, same as above	...	59/6 ,,
Railing Panels, 2 ft. 3 in. high	...	3/6 per foot.
Coping to suit 9 in. wall	...	2/- ,,

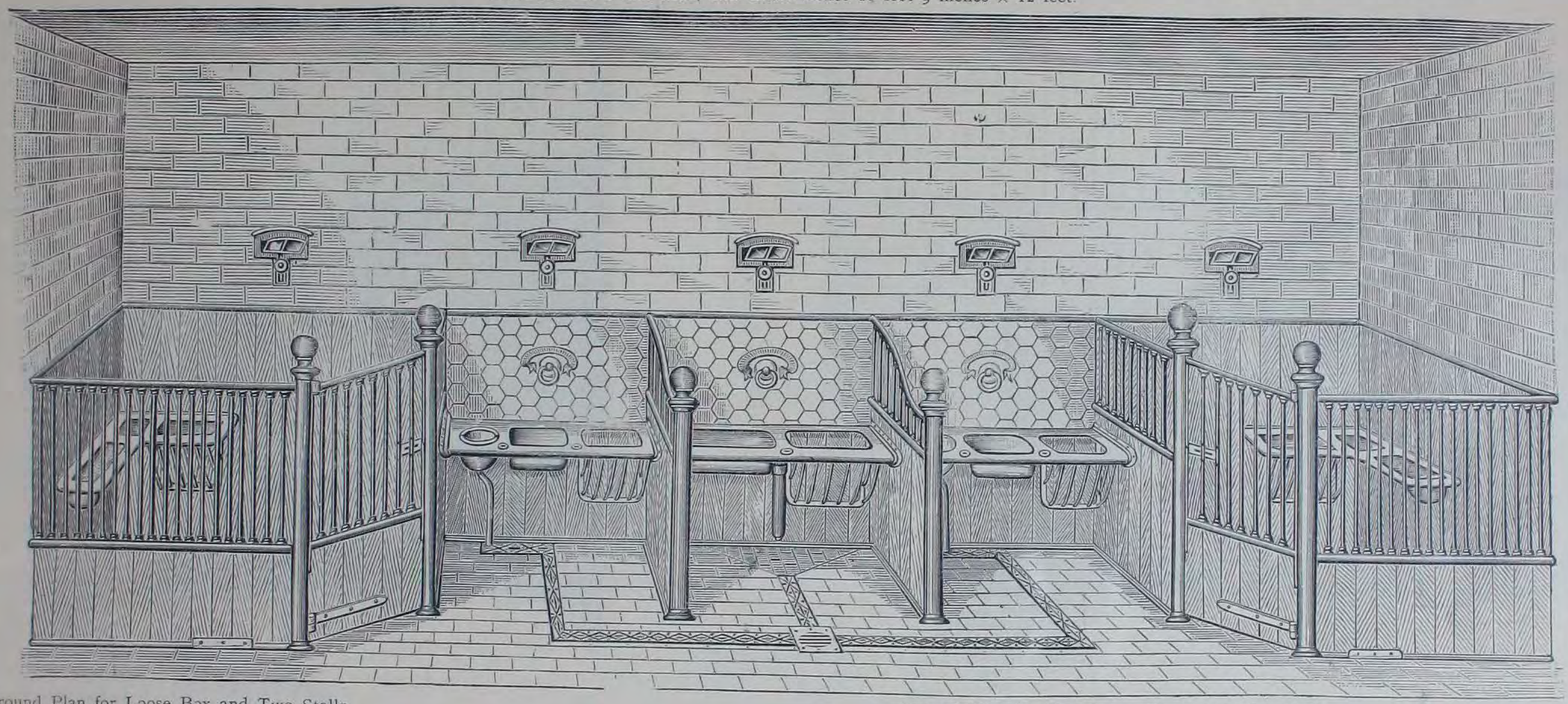
If without Lock and Knob, 3/6 less.

If without Locking or Hanging Standards, 13/6 less.

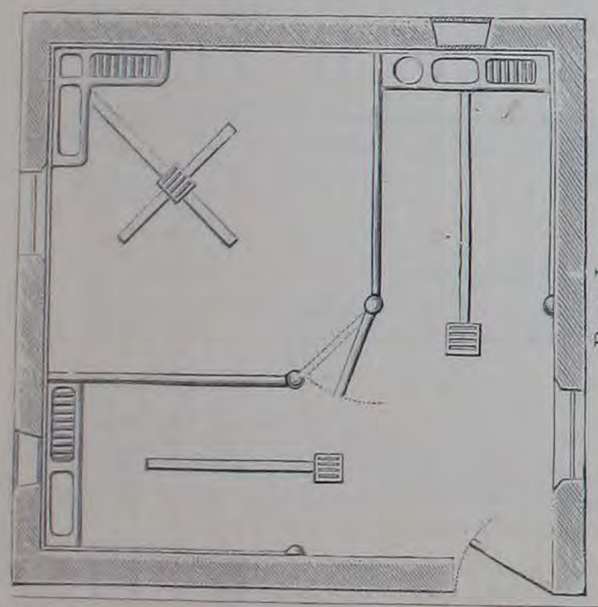
Prices include being fitted for erection and painted one coat. *Further details will be sent on receipt of requirements.*

IMPROVED IRON STABLE FITTINGS.

Suggestion of arrangement for Three Stalls and Two Loose Boxes, to occupy about 40 feet long × 12 feet wide and additional space for passage in front of loose boxes. Each Stall is 6 feet wide, and Loose Boxes 10 feet 9 inches × 12 feet.



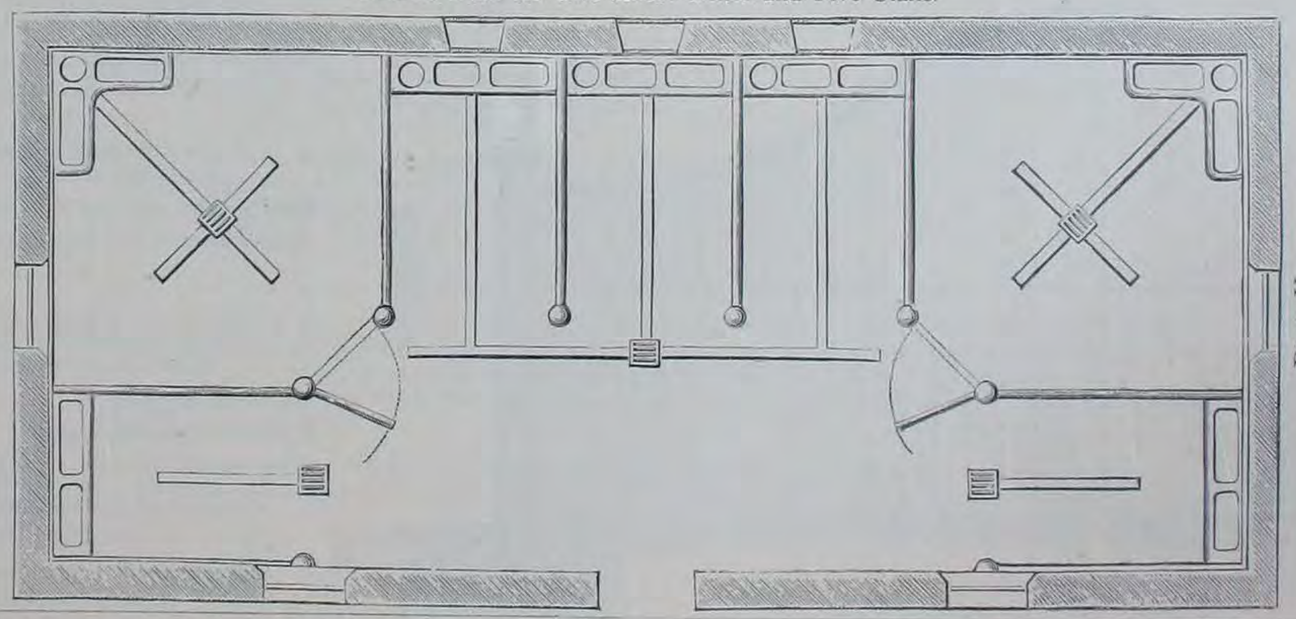
Ground Plan for Loose Box and Two Stalls.



PLAN I.

Scale, ½ inch = 1 foot.

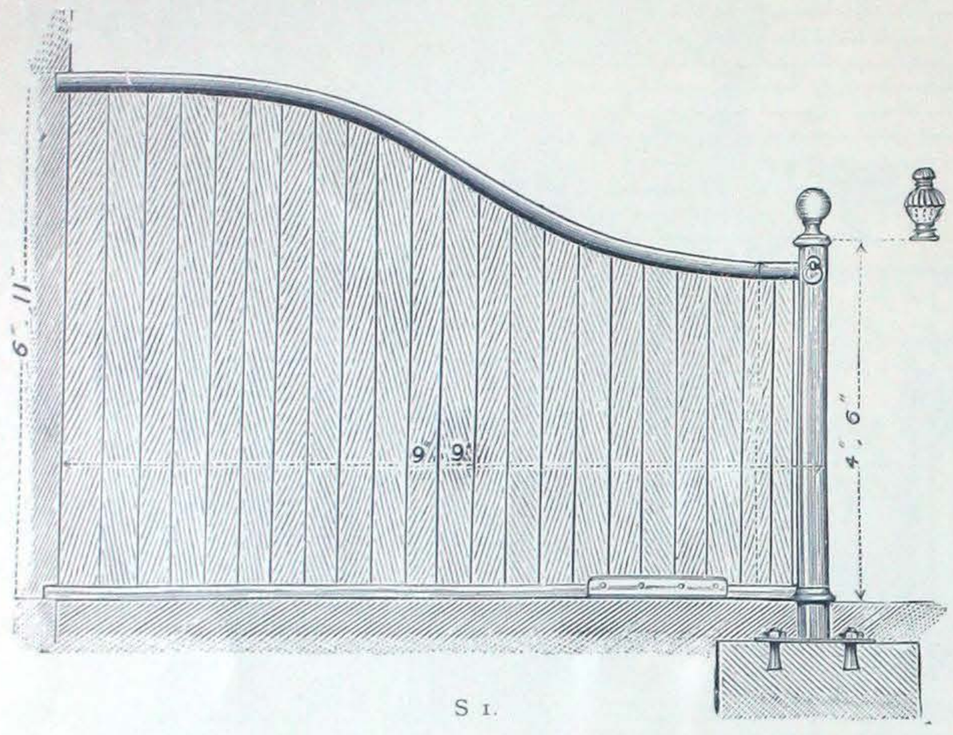
Ground Plan for Two Loose Boxes and Five Stalls.



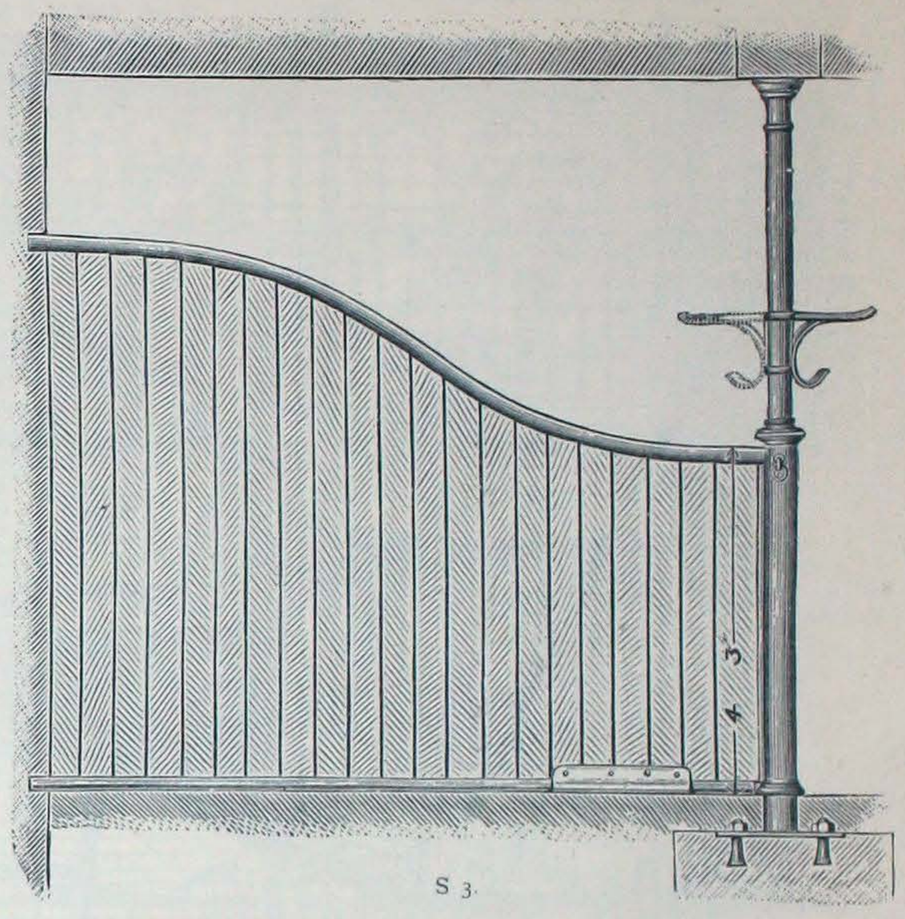
PLAN II

The arrangement for drainage is often varied, by fixing a Horse Pot in centre of each stall. Estimates furnished on receipt of rough plan with dimensions of building proposed to be fitted up. All Stable Fittings are sent out with one coat of oil paint, and after erection should have two coats of paint and two of copal varnish. Prices are exclusive of woodwork.

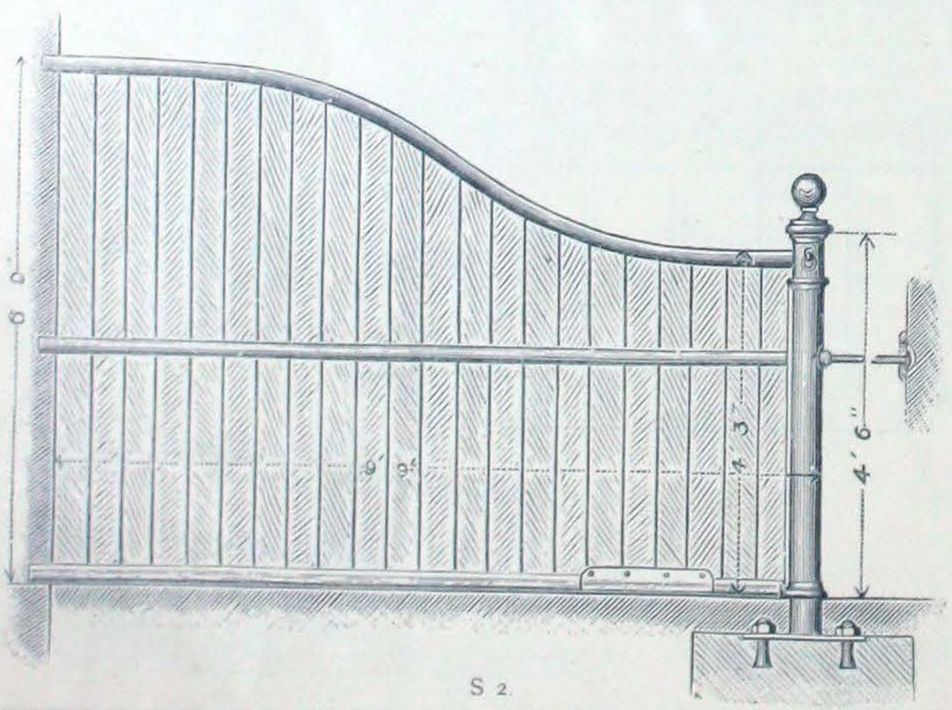
STALL DIVISIONS.



S 1.



S 3.



S 2.

	For Woodwork.		
S 1.—Strong Set of Ironwork for Stall Division, consisting of post 4½ in. diameter, either with plain or fancy head, ramp, and sill	1½ in. 61/-	1¾ in. 63/6	2 in thick. 66/- each.
Half Sets for wall, for 1 in. wood	45/6 each.		

	For Woodwork.	
S 2.—Extra Strong Set of Ironwork for Stall Division, consisting of post 5 in. diameter, ramp, and sill	1½ in. 64/6	2 in. thick 70/- each.
Half Sets for wall, for 1 in. wood	48/- each.	
Sliding Barrier, and sheath and fixing plate for wall	46/- extra.	

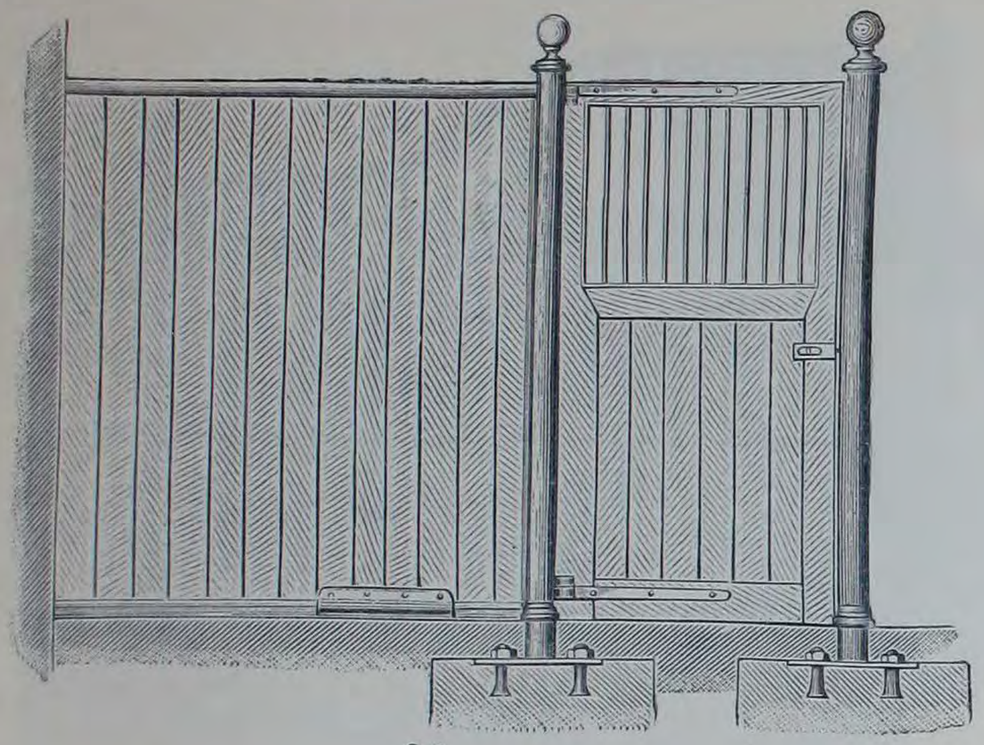
S 3.—Strong Set of Ironwork for Stall Division, consisting of post 5 in. diameter in lower part continued to the ceiling to support beam 9 ft. high, ramp, and sill, for woodwork 1½ in. thick.	77/6 each.
Half Sets for wall	53/3 each.
Revolving Bracket on post	10/- extra.
Posts above 9 ft.	6½d. per inch extra.

Prices of all Sets include improved shifting piece to enable woodwork to be replaced when injured, also two iron rings for pillar chains to stall posts, and are fitted ready for erection.

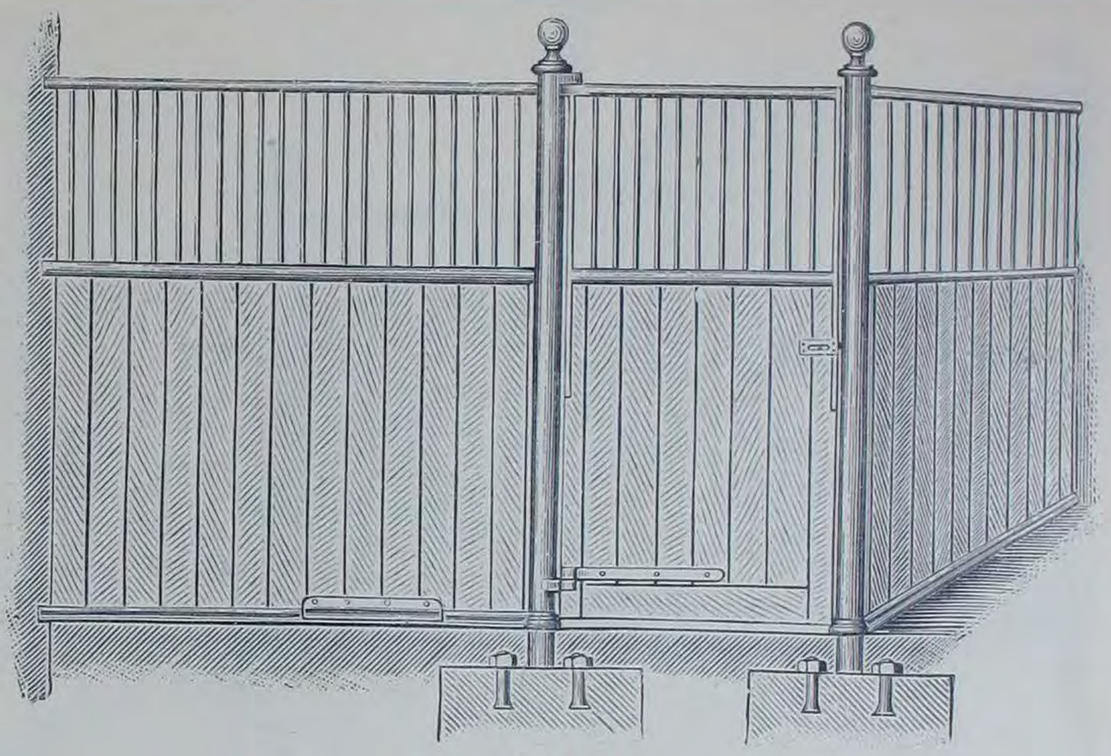
Brass Pillar Rings, 5/3 each extra; ditto, with Brass Shields, 6/- each extra; Bolts and Nuts for fixing Posts, 4d. each extra; Sockets fitted to posts to receive loose Wood Barriers, 5/6 per Socket extra.

Further details will be sent on receipt of requirements.

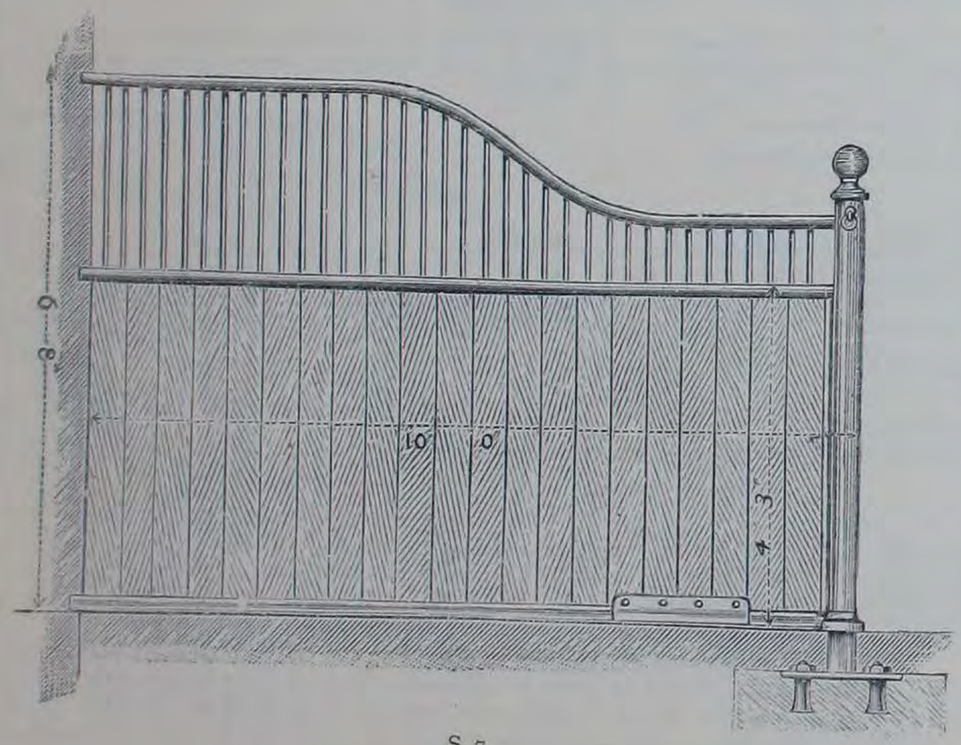
STALL AND LOOSE BOX DIVISIONS.



S 6.



S 8.



S 7.

S 6.—Ironwork for all Wood Loose Box Division.

Post 4½ in. diameter, with plain or fancy head for 1½ in. or 2 in. woodwork	41/- each.
Top rail 10 ft. long from wall over post ... for 1½ in. woodwork, 16/9 each; for 2 in. woodwork	19/6 ,,
Sill ditto ditto ditto 12/- each; ditto	13/6 ,,
Capping for wall lining for 1 in. wood	1/5 per foot.
Half Sill for ditto	1/4 ,,
Mitre Joints in ditto	1/3 each extra.
Half Loose Box Post	28/3 each
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges, bolts and nuts, and flush bolt, including fitting to post	32/6

S 7.—Strong Set of Ironwork for Stall, consisting of Ventilating Division, composed of ⅝ in. wrought bars, 3 in. centres, post 4½ in. diameter, either with plain or fancy head, fitted with two rings for pillar chains, and sill, with division 30 in. high, for 1½ in. woodwork	115/-
Ditto ditto division 24 in. high	90/-

Drawing represents the 30 in. Division.

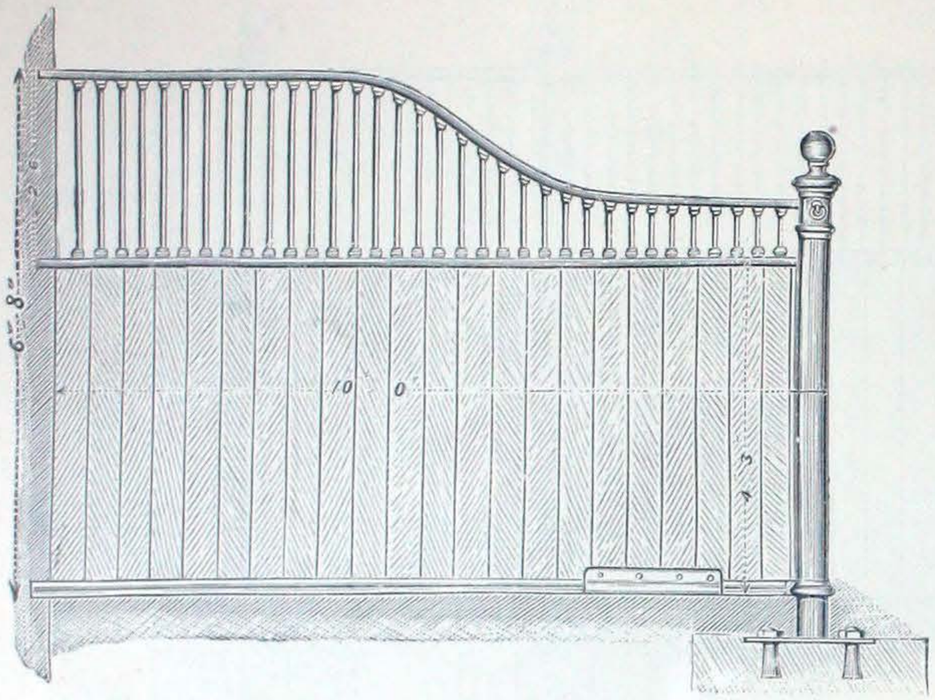
S 8.—Loose Box Ironwork.—For 1½ in. woodwork.

Ventilating Division, composed of ⅝ in. wrought iron bars, 3 in. centres, with cast top and middle rails, 10 ft. long over post, 24 in. deep, 73/9; 30 in. deep, 80/-; 36 in. deep, 86/- each.

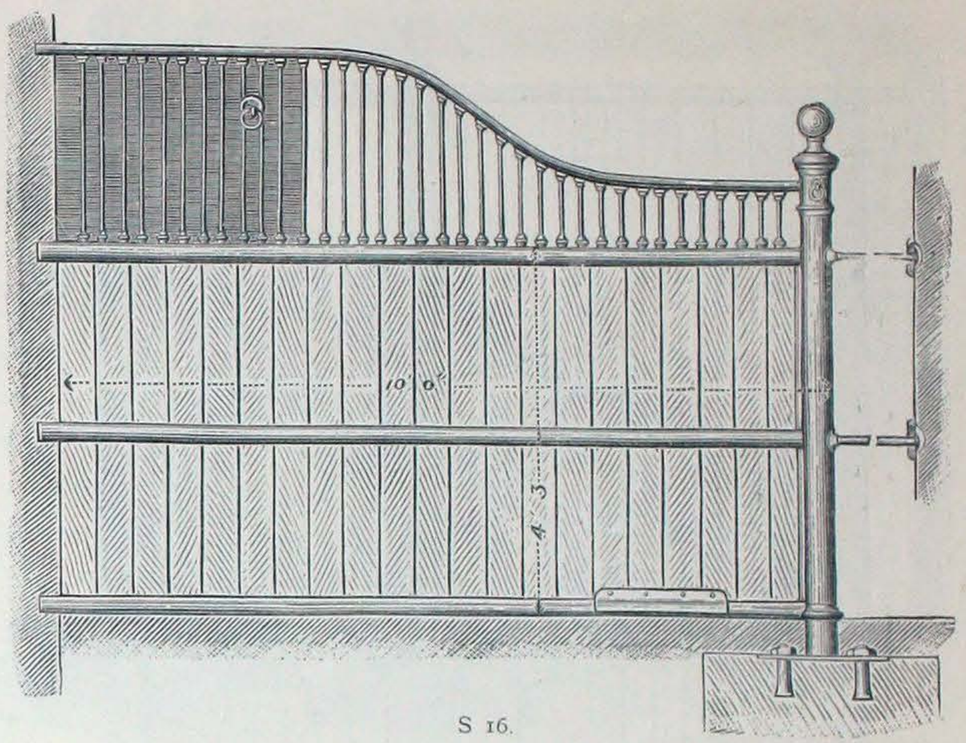
Post 4½ in. diameter, with plain or ornamental head for 24 in. or 30 in. division	40/6 each.
Ditto for 36 in. division	43/- ,,
Sill	11/9 ,,
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, side strips are made full length of door and carried under bottom, hinges, flush bolt, and fitting to post, 24 in. high	96/-
Ditto ditto 30 in. high	100/-
Ditto ditto 36 in. high	104/6

Prices of all Sills include shifting pieces, and all prices include fitting ready for erection. Brass rings to Post, 5/3 each extra; ditto and shields, 6/- each extra. Bolts and Nuts for Posts, 4d. each extra. Further details will be sent on receipt of requirements.

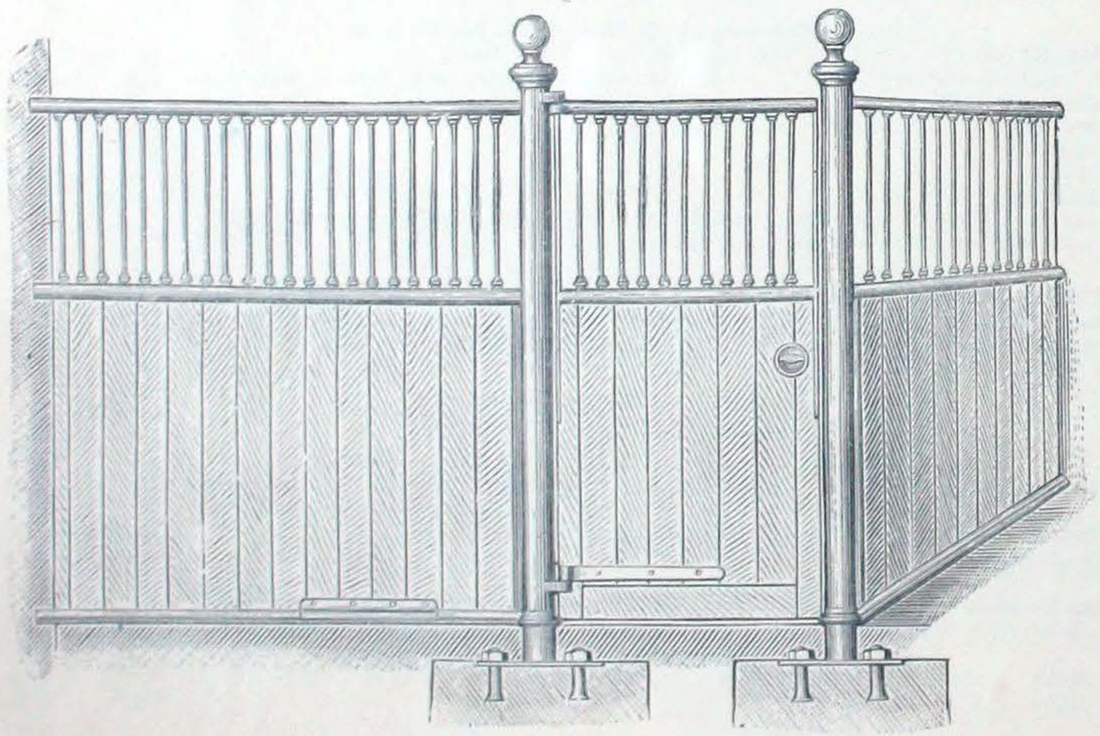
STALL AND LOOSE BOX DIVISIONS.



S 14



S 16.



S 15.

S 14.—Extra Strong Set of Ironwork for Stall, consisting of Ventilating Division, composed of ⅝ in. wrought bars, 3 in. centres with ornaments cast on, post 5 in. diameter, and sill, to suit 1½ in. woodwork 125/6

Solid Head Plate, as illustration S 16 ... ... 20/3 extra.

Single Sliding Barrier and Sheath ... ... 30/6 ,,

S 15.—Strong Ventilating Division for Loose Box, composed of ⅝ in. wrought iron bars, 3 in. centres with cast ornaments and cast top and middle rails, 30 in. deep, for 10 ft. long over post, to suit 1½ in. woodwork 90/6

Solid Head Plate ... ... 20/6 extra.

Post 5 in. diameter ... ... 46/6 each.

Sill ... ... 11/9 ,,

Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges and latch, with brass flush handles, including fitting to post ... 116/9 per set.

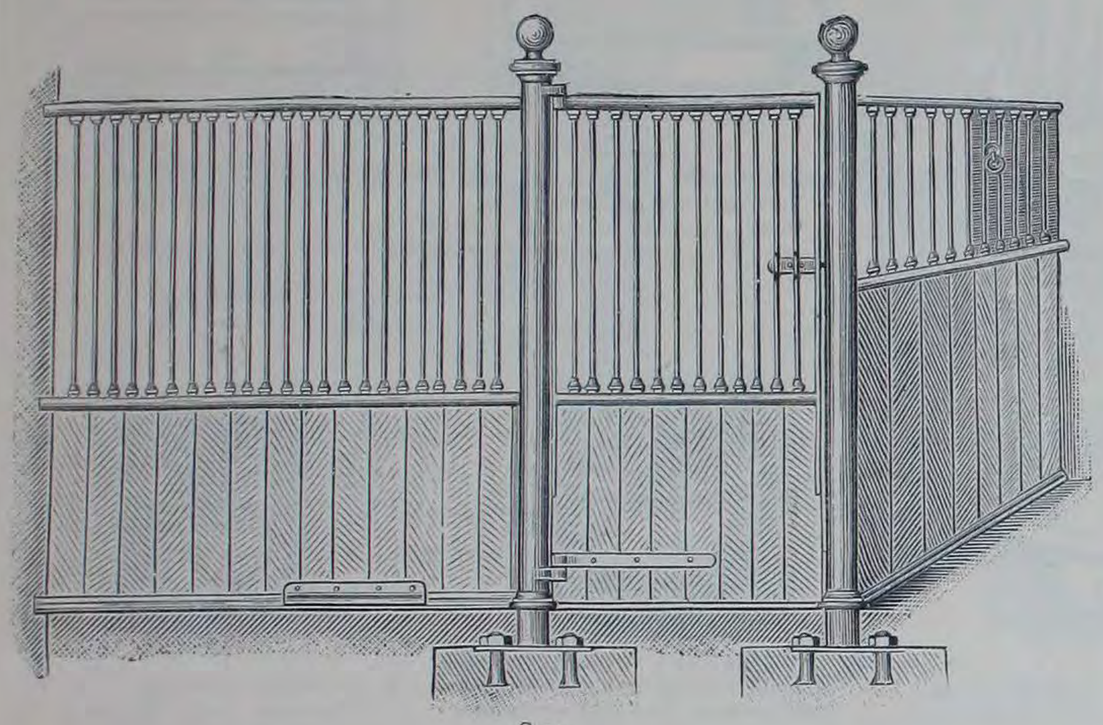
S 16.—Extra Strong Set of Ironwork for Stall, consisting of Ventilating Division, composed of ⅝ in. wrought iron bars, 3 in. centres with ornaments cast on, post 5 in. diameter, solid head plate, two sliding barriers, and sill, to suit 1½ in. woodwork 217/3

If without the second Sliding Barrier, 41/3 less.

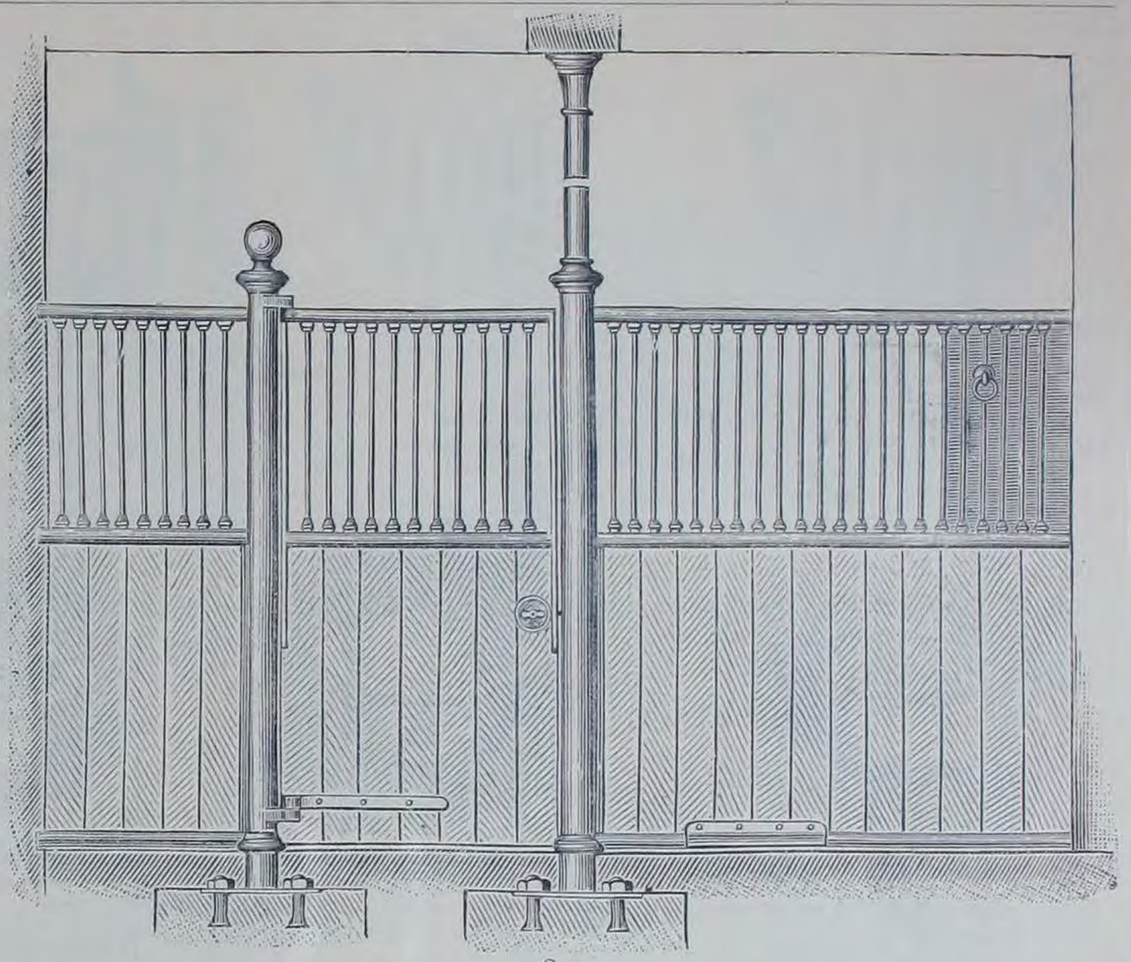
Prices of all Sets include improved shifting piece to enable woodwork to be replaced when injured, also two iron rings for pillar chains to stall posts, and are fitted ready for erection.

Brass Pillar Rings, 5/3 each extra; ditto with brass Shields, 6/- each extra; ditto for Division, 10/- each extra; Bolts and Nuts for fixing Posts, 4d. each extra.

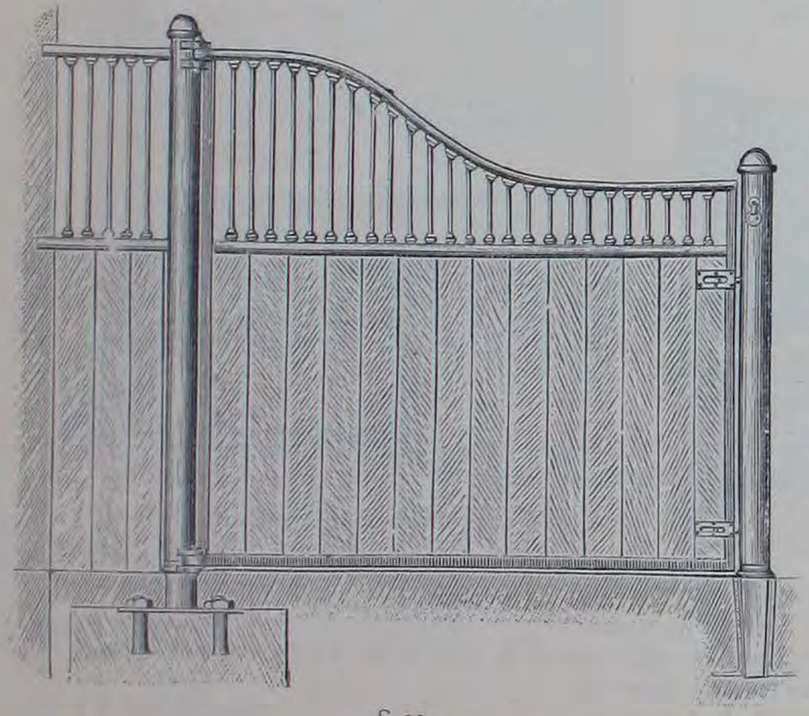
Further details will be sent on receipt of requirements.



S 20.



S 21



S 22.

S 20.—Extra Strong Ventilating Division, 30 in. high, for division between boxes, composed of ¾ in. wrought iron bars with cast ornaments, top and middle rails and sill, to suit 2 in. woodwork ... ... per ft. £0 12 9
Extra for Solid Cast Iron Head Plate 0 19 0
Division 4 ft. deep for front of boxes ... ... per ft. 0 19 3
Post 5 in. diameter ... ... each 2 9 0
Ditto, if prepared for door 2 14 0
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges and latch, 4ft. deep, framing carried all round 6 10 0

S 21.—Extra Strong Ventilating Division for Loose Box, composed of ¾ in. wrought iron bars, with cast ornaments, and top and middle rails, and sill, 30 in. high, to suit 2 in. woodwork ... ... per ft. 0 12 9
Ditto, 36 in., ditto ... ... per ft. 0 15 9
Extra for Cast Iron Solid Head Plate, for 30 in. ... 0 19 0
Ditto ditto ditto for 36 in. ... 1 4 6
Post, 5 in. diameter, for 30 in. ... . each 2 9 0
Ditto ditto for 36 in. ... ... each 2 10 9
Ditto, prepared for door, for 30 in. 2 14 0
Ditto ditto for 36 in. 2 16 0

S 21—*continued.*

Story Post, 8 to 10 ft. high 2 19 3
Story Post, if prepared for door £3 4 6
Set of Ironwork for Door, 3 ft. 6 in. wide, consisting of wrought iron ventilating panel, hinges and latch, to match 30 in. high division, framing carried all round 5 13 0
Ditto ditto to match 36 in. high division 6 2 6

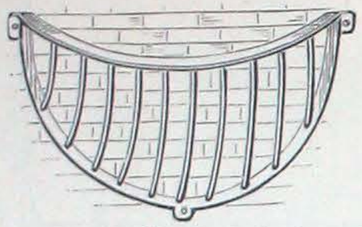
S 22.—Hinged Division, with movable post, for changing two stalls into a loose box, consisting of one fixed and one movable post with socket, one short length of fixed division and one set of ironwork for movable division and two slip bolts ... 13 5 6
A cheaper form of the above Hinged Division is made without the ventilating division at 9 8 6

Fitted ready for erection and to suit 1½ in. woodwork.

Brass Ring to post ... . each, extra 0 5 3
Ditto ditto and shields ... .. ,, 0 6 0
Ditto to division ... . ,, 0 10 0
Bolts and Nuts for fixing post ... ... each 0 0 4

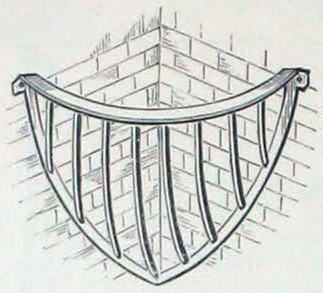
Further details will be sent on receipt of requirements. *All Sills have Improved Shifting Piece, to enable woodwork to be replaced when injured.*

HAY RACKS, MANGERS AND WATER TROUGHS.



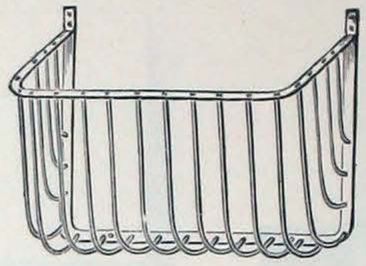
S25.—Circular Hay Rack, for flat wall.

Sizes	33	36 inch.
Cast	7/3	8/3 each.
Wrought ... —		11/3 ,,
,, Galvanized —		14/- ,,
Lighter Wrought (32 in.)		9/- ,,
,, Galvanized ,,		11/3 ,,



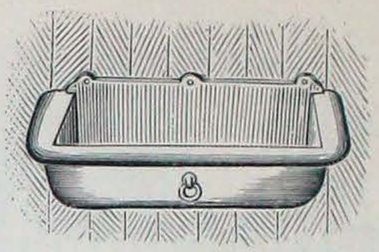
S 26.—Corner Hay Rack.
Size 33 inch.

Cast...	7/3 each.
Wrought	11/- ,,
,, Galvanized ...	14/- ,,
Lighter Wrought (29 in.)	8/9 ,,
,, Galvanized ..	10/9 ,,



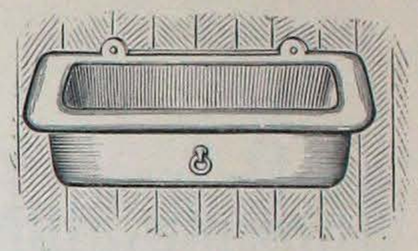
S 27.—Strong Square Hay Rack, for flat wall.
Size 33 inch.

Wrought Iron	13/6 each.
,, Galvanized	18/- ,,
Lighter Wrought (29 in.)	11/- ,,
Galvanized ,, ,,	14/- ,,



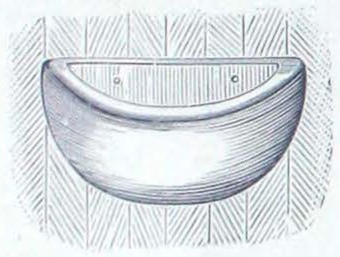
S 29.
Common Straight Manger, with ears for fixing, and halter ring.

Sizes	30	36 inch.
	11/3	12/9 each.



S 30.
Improved Straight Manger, with ears for fixing, and halter ring.

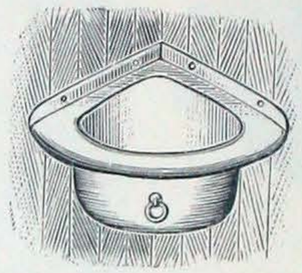
Sizes	36	48 inch.
	17/9	26/- each.



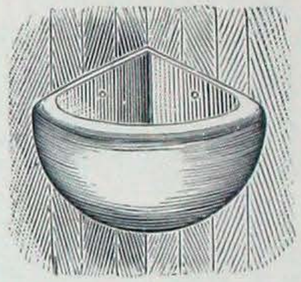
S 31.—Improved Pattern Straight Manger, with lip inside to prevent horse wasting food, and no projection on outside.
Size 30 inch ... 21/- each.



S 32.—Common Corner Manger, with screw holes for fixing, and halter ring.
Size 27 inch ... 9/6 each.



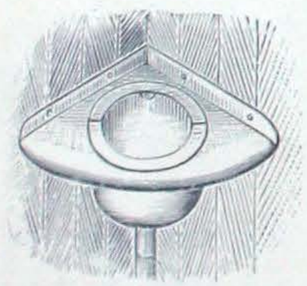
S 33.—Improved Pattern Corner Manger, with holes for fixing, and halter ring.
Size 30 inch ... 15/3 each.
If enamelled ... 28/- each.



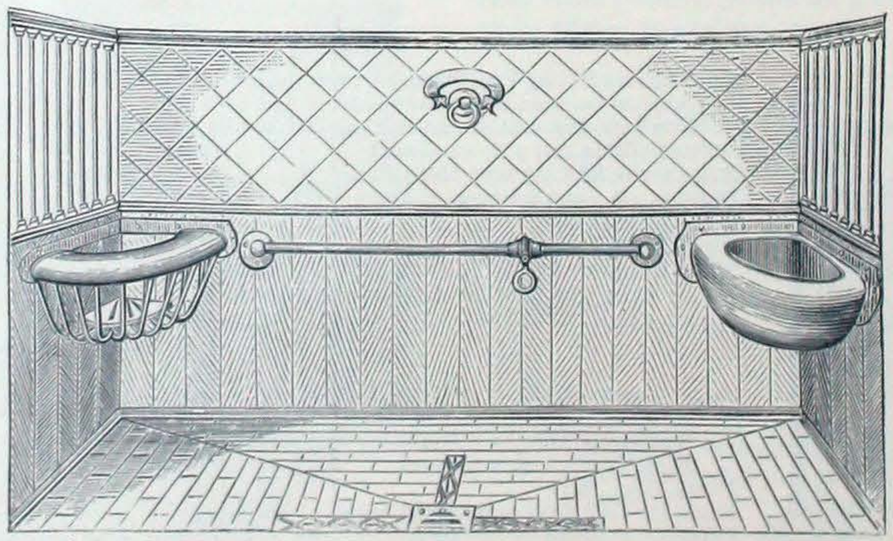
S 34.—Improved Pattern Corner Manger, with lip inside to prevent horse wasting food, and no projection on outside.
Size 27 inch ... 16/- each.
34 inch ... 22/6 ,,



S 36.—Water Trough or Gruel Pot, with screw holes for fixing, and halter ring.
Size 21½ inch ... 7/9 each.

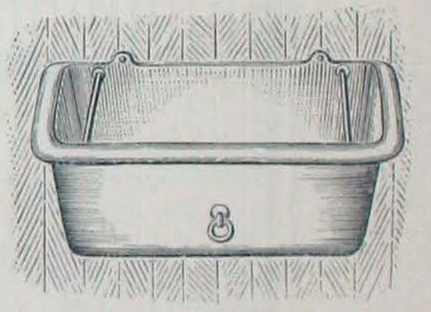


S 37.—Water Trough or Gruel Pot, with tip up arrangement, waste chamber and pipe, 24/3 each.
If enamelled ... 32/6 each.



S 38.—Improved Angular Hay Rack, with broad capping at top, no projection of any kind whatever ... ... 32/6 each.
S 39.—Improved Angular Manger, with cased front, no projection of any kind whatever ... 43/6 ,,
S 40.—Improved Sliding Tying Bar, in bright iron, with ends for fixing, and brass traveller 19/3 ,,

Prices and Samples of Tiles will be sent on application. Also for Enamelled Slate Slabs for heads of stalls.

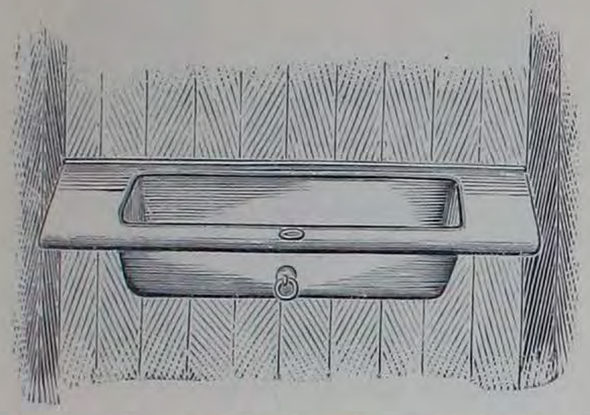


S 41 –Improved Cart Horse Manger, especially suitable when cut food is used, with two wrought bars to prevent waste.
Size 3 ft. 7 in. ... ... 30/6 each.

Scale—⅜ inch to 1 foot.

Further details will be sent on receipt of requirements.

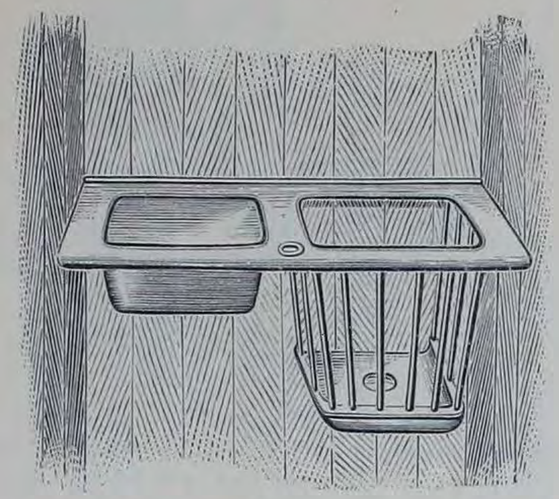
STALL MANGER SETS.



S 45.—Improved Manger, 6 ft. 5½ in. long, with bold moulded front edge, manger 4 ft. 6 in. long in the clear.

Painted, 57/- each. Galvanizing ditto, 35/- extra.

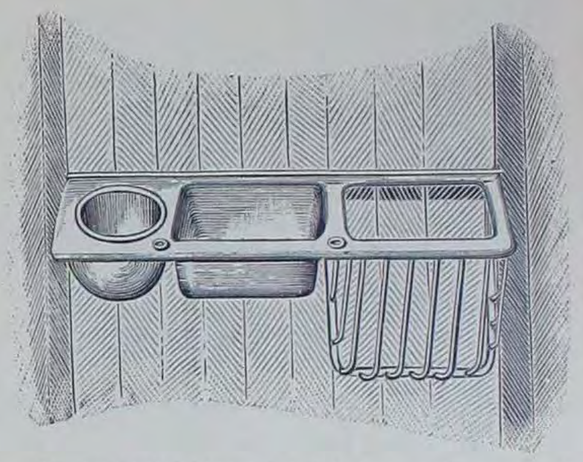
If fitted with two wrought iron bars to prevent waste of food, 3/6 extra.



S 46.—Strong Stall Manger Set, 6 ft. long, either right or left hand, with manger, and hay rack with seed pan.

Painted, 41/9 each. Galvànizing ditto, 17/6 extra

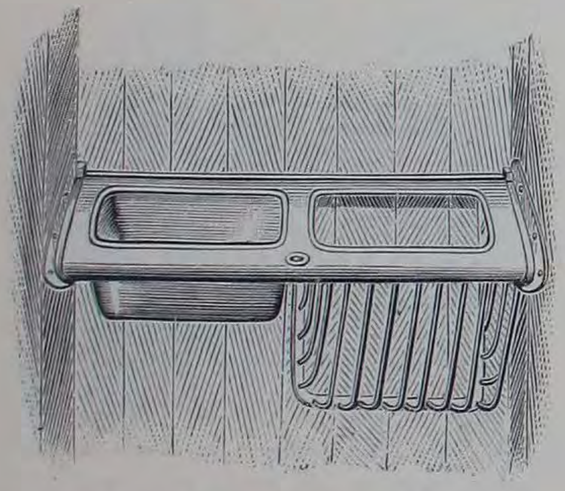
Enamelled manger, 18/9 extra.



S 47.—Strong Stall Manger Set, 6 ft. long, with manger, hay rack and loose gruel pot.

Painted, 45/3 each. Galvanizing ditto, 19/3 extra.

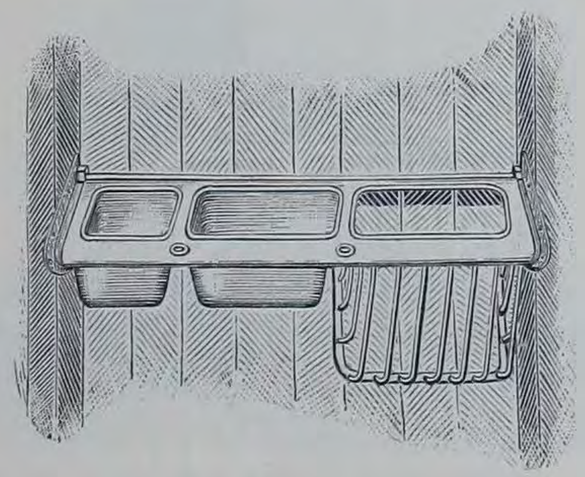
Enamelled manger, 18/9 extra. Enamelled gruel pot, 8/6 extra.



S 48.—Strong Stall Manger Set, 6 ft. long, either right or left hand, with large manger and hay rack having bevelled edges, and bold moulded front edge.

Painted, 52/9 each. Galvanizing ditto, 19/3 extra.

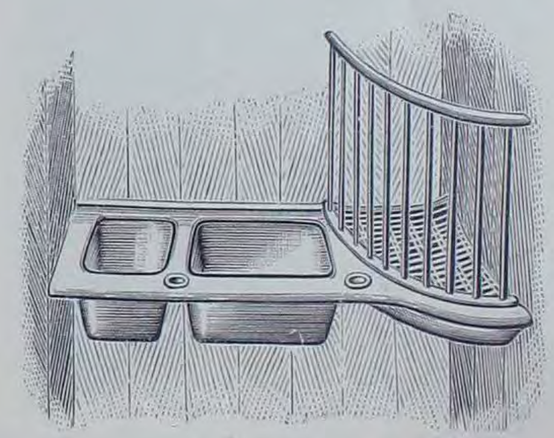
Enamelled manger, 21/- extra.



S 49.—Strong Stall Manger Set, 6 ft. long, either right or left hand, with manger, hay rack, and gruel pot with cast plug, bevelled edges, and bold moulded front edge.

Painted, 52/9 each. Galvanizing ditto, 21/- extra.

Enamelled manger, 18/9 extra. Enamelled gruel pot, 8/6 extra.



S 50.—Strong Stall Manger Set, 6 ft. long, either right or left hand, with raised hay rack, seed pan, manger, and gruel pot.

Painted, 58/- each. Galvanizing ditto, 26/6 extra.

Enamelled manger, 18/9 extra. Enamelled gruel pot, 8/6 extra.

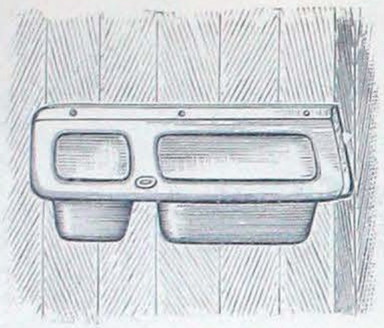
If with tip-up gruel pot, waste chamber and pipe, 20/6 extra.

EXTRAS.—Shoes for fixing either S 48 or S 49 Manger Sets, 2/9 per pair; Galvanized, 4/6 per pair. Brass Bushed Eyelet Hole, 2/3 per hole; Set of Double Pulleys to carry halter weights, as shown on page 229, 5/6 per hole; Brass Plug and Washer, with union for connecting with pipe, 9/3 each.

Scale—⅜ in. to 1 foot

Further details will be sent on receipt of requirements.

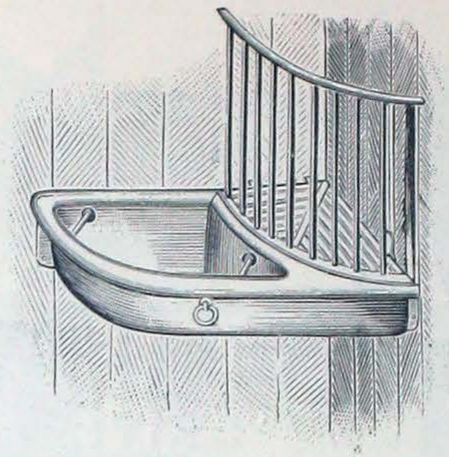
LOOSE BOX MANGER SETS.



S 54.—Manger and Gruel pot, either right or left hand, 3 ft. 10½ in long, with halter hole.

Painted, 28/6 each.

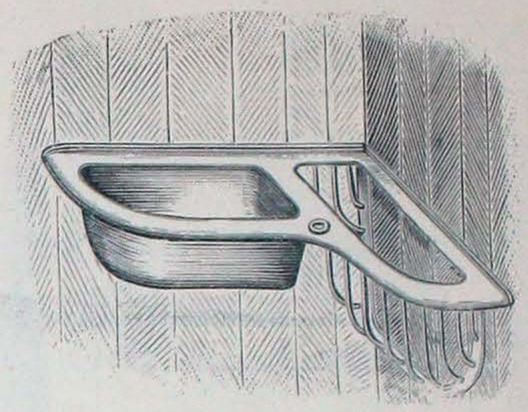
Galvanizing ditto, 14/- extra.



S 55.—Loose Box Manger Set, 3 ft. 10½ in. long, either right or left hand, with cast hay rack, and halter ring.

Painted, 42/- each. Ditto, with wrought hay rack, 51/- each.

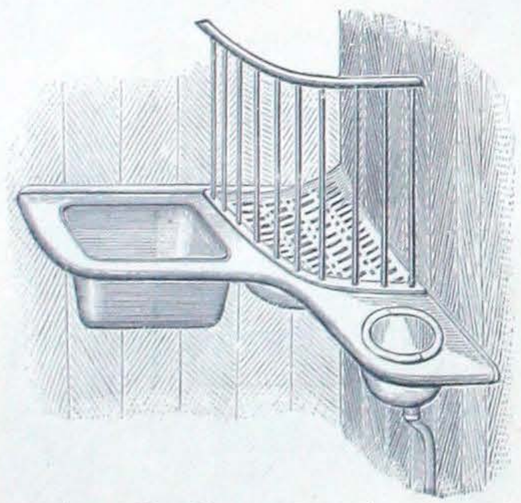
Galvanizing ditto, 25/6 extra.



S 56.—Strong Loose Box Manger Set, 4 ft. 1 in. × 2 ft. 10½ in., either right or left hand, with manger and hay rack.

Painted, 48/6 each.

Galvanizing ditto, 16/9 extra. Enamelled Manger, 19/3 extra.

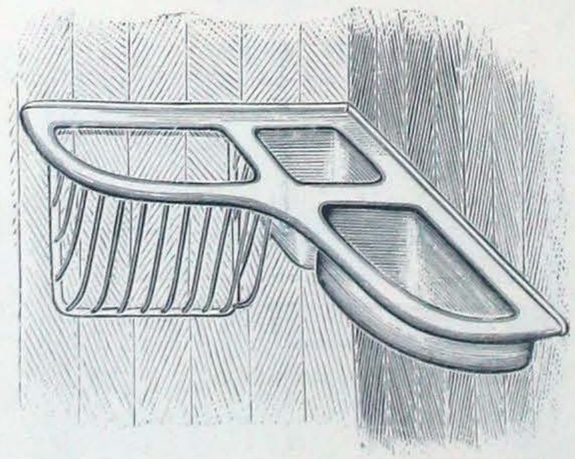


S 57.—Strong Loose Box Manger Set, 4 ft. 2 in. × 3 ft. 10½ in., either right or left hand, with manger, hay rack, seed pan, and tip-up gruel pot.

Painted, 81/3 each. Galvanizing ditto, 35/- extra.

Enamelled manger, 17/- extra. Ditto, gruel pot, 8/6 extra.

If gruel pot in the usual way (not to tip up), painted, 61/- each.

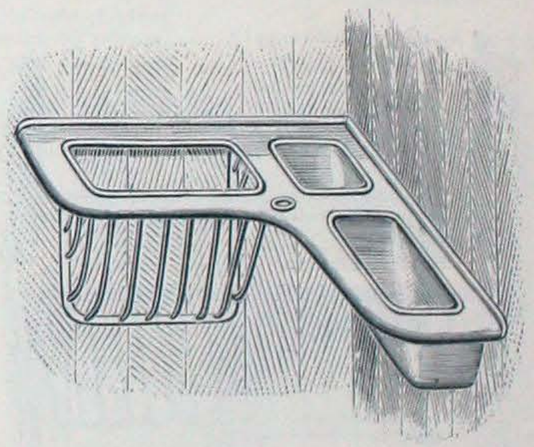


S 58.—Strong Loose Box Manger Set, 4 ft. 1 in. × 4 ft. 1 in., either right or left hand, with manger, hay rack, and gruel pot.

Painted, 54/6 each. Galvanizing ditto, 24/6 extra.

Enamelled manger, 19/3 extra. Enamelled gruel pot, 8/6 extra.

If with tip-up gruel pot, waste chamber, and pipe, 20/6 extra.



S 59.—Strong Loose Box Manger Set, 4 ft. 4 in. × 4 ft. 4 in., either right or left hand, with manger, hay rack, and gruel pot, bevelled edges, and bold moulded front edge.

Painted, 61/- each. Galvanizing ditto, 24/6 extra.

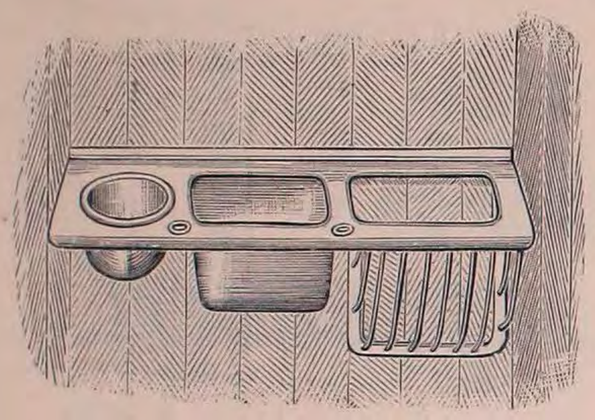
Enamelled manger, 18/9 extra. Enamelled gruel pot, 8/6 extra.

EXTRAS—Brass Bushed Eyelet Hole, 2/3 per hole. Set of Double Pulleys to carry halter weights, as shown on page 229, 5/6 per hole.
Brass Plug and Washer, with Union for connecting with pipe, 9/3 each.

Scale, ⅜ inch to 1 foot.

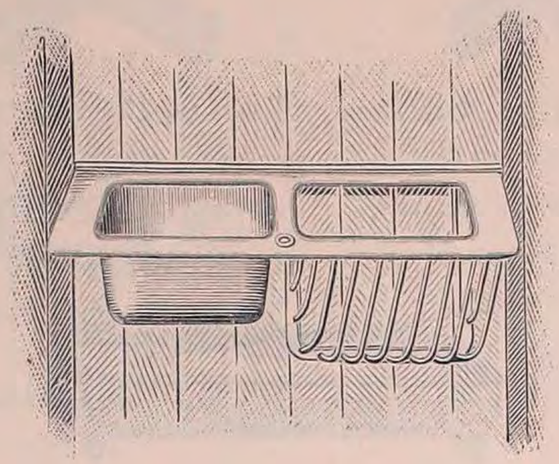
Further details will be sent on receipt of requirements.

STALL AND LOOSE BOX MANGER SETS.



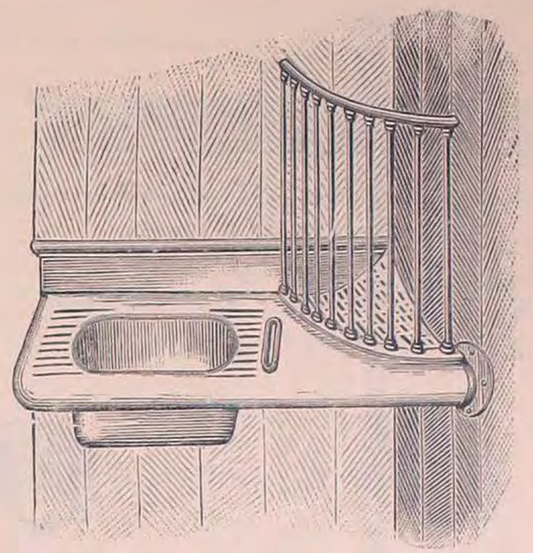
S 63.—Strong Stall Manger Set, 6 ft. long, either right or left hand, with extra deep manger, and solid roll front edge.

Painted ... ... £3 0 0 each.



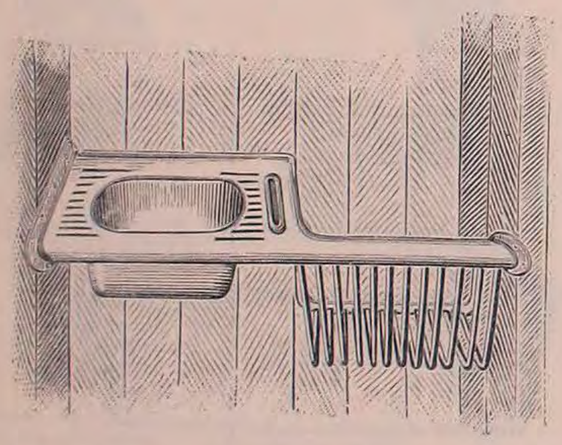
S 64.—Strong Stall Manger Set, 6 ft. long, either right or left hand, with extra deep manger, and solid roll front edge.

Painted ... ... £2 15 0 each.



S 65.—Improved Extra Strong Loose Box Manger Set, 6 ft. long, either right or left hand, with very bold rounded front edge, and slots for halter chain, ⅝ in. wrought bars in raised hay rack, shoes for fixing, skirting at back.

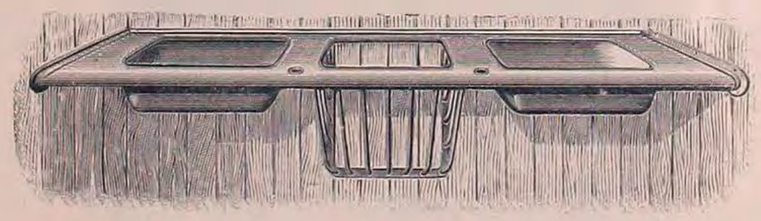
Painted ... ... £4 17 0 each.



S 66.—Improved Extra Strong Stall Manger Set, 6 ft. long, either right or left hand, with bold rounded front edge, and slots for halter chain, ¾ in. bars in rack, and shoes for fixing.

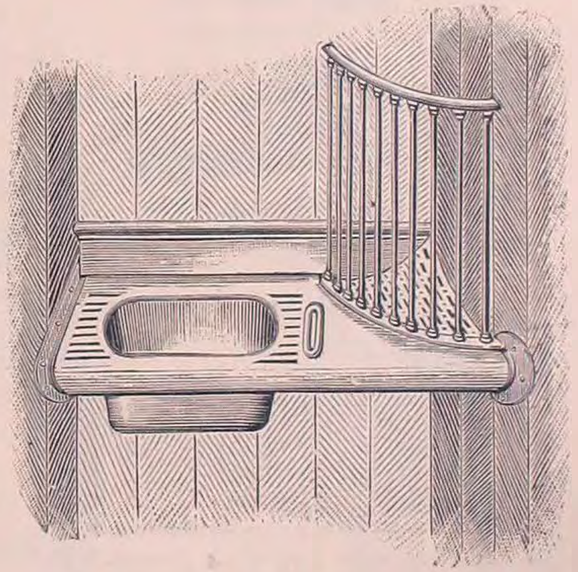
Painted ... ... £3 0 6 each.

Also made for Loose Box, with one corner rounded, 59/- each.



S 3651.—Strong Stall Manger Set, 9 ft. long, with two mangers and hay rack.

£3 6 0 each.



S 69.—Improved Extra Strong Stall Manger Set, 6 ft. long, either right or left hand, with bold rounded front edge, and slots for halter chain, ⅝ in. wrought bars in hay rack, shoes for fixing, skirting at back.

Painted ... ... £4 18 9 each.

EXTRAS.—Brass Bushed Eyelet Hole, 2/3 per hole; Set of Double Pulleys to carry halter weights, as shewn on page 229, 5/6 per hole; Brass Plug and Washer, with Union for connecting pipe, 9/3 each.
Galvanizing Manger Sets, from 25/- extra; Enamelling Mangers, from 18/9 extra; Enamelling Gruel Pots, from 8/6 extra.

Scale—⅜ inch to 1 foot.

Further details will be sent on receipt of requirements.

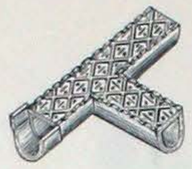
STABLE GUTTERS, CATTLE TROUGHS, &c.



S 74.—Strong Stable Gutter, 4½ in. wide, with loose cover to lift off for cleaning, in lengths.

2ft. 4in.	3ft. 4in.	4ft. 4in.	5ft. 4in.	6ft. long over all.
Price 8/2	10/3	12/8	14/6	17/- each.

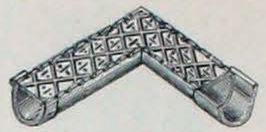
Stop Ends cast in, 11½d. extra.



S 75.—Tee Piece, For Stable Gutter, either right or left hand.

(above represents a right hand).

Price, 8/2 each.



S 76.—Angle, for Stable Gutter, either right or left hand.

(above represents a left hand).

Price, 6/3 each.



S 77.—Street Gutter.

	3	3½	4	4½ inch.
2 ft. lengths	3/9	3/9	4/5	5/3 each.
3 ft. ,, ...	4/9	5/8	6/3	7/3 ,,
4 ft. ,, ...	5/8	6/11	7/3	9/5 ,,
6 ft. ,, ...	7 9	9/5	9/9	12/8 ,,
Angles for ditto ...	3/2	4/-	5/-	6/3 ,,
Tee Pieces for ditto ...	3/9	5/-	6/3	7/9 ,,
Drop Stop Ends for ditto	5/-	5/3	5/8	6/- ,,



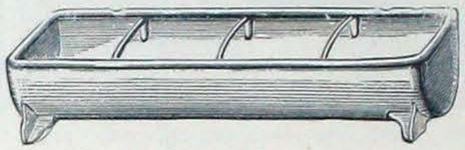


S 80.—Horse Pot. S 81.—Mare Pot.

Trapped Horse or Mare Pots, with loose inside grating.

Sizes	8	9	10 inch.
	3/9	4/6	5/8 each.
Horse Pots, with wrot iron gratings	6/6	7/9	10/6 ,,
Mare Pots ditto ditto	7/-	8/6	11/3 ,,

Inlet Sockets cast on Horse Pots to receive end of Gutter, 1/3 each Socket extra



S 82.—Cast Iron Round Bottom Pig Trough, with flat lip, wrought divisions, and rings at end.

Length, 1 ft. to 12 ft., rising by 6 inches.

10 in. wide, 2/6 per foot; 12 in. wide, 2/9 per foot.



S 3652.—Galvanized Wrought Iron Pig Trough.

8 in. wide, 5 in. deep.

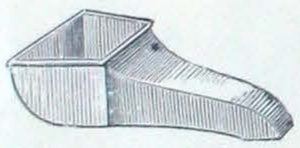
2	3	4	5	6	7	8	9 feet long.
5/-	6/3	7/6	8/9	10/3	11/6	12/6	13/9 each.

10 in. wide, 5½ in. deep.

2	3	4	5	6	7	8	9 feet long.
6/6	7/9	9/-	10/3	11/6	12/6	13/9	15/- each.

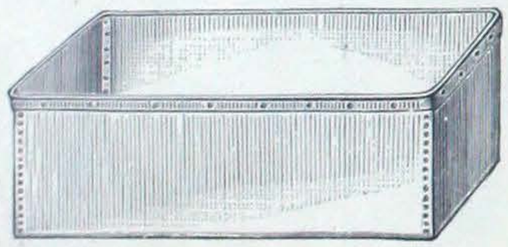
12 in. wide, 6¾ in. deep.

2	3	4	5	6	7	8	9 feet long.
7/-	8/3	10/3	11/6	12/6	13/9	15/-	16/3 each.



S 85.—Pig Trough Feeder.

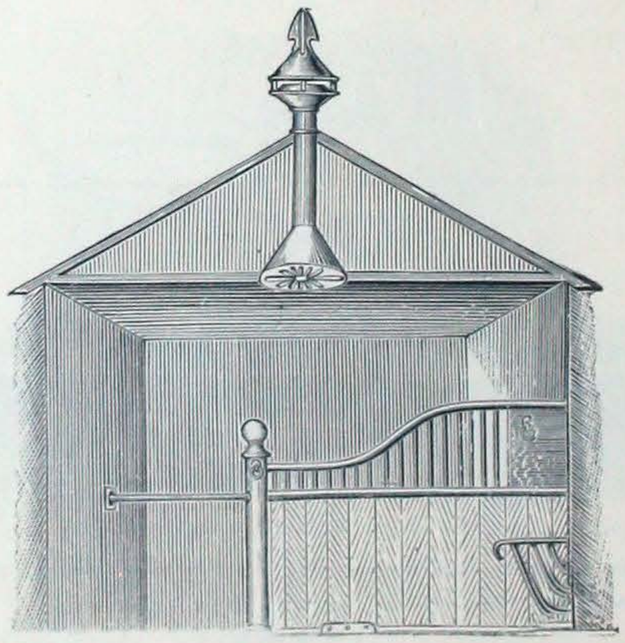
No. 1, 11/4 each; No. 2, 16/- each.



S 87.—Galvanized Wrought Iron Cattle Trough, with strong safe edge angle iron top, 18 in. wide × 16 in. deep.

Length.	Strong. Galvanized.	Strong. Painted.	12 Gauge. Galvanized.	12 Gauge. Painted.	¼ Plate. Galvanized.	¼ Plate. Painted.
3 feet	30/-	24/-	41/-	29/-	45/9	32/6 each.
4 ,,	36/-	27/9	51/9	36/-	57/9	40/3 ,,
5 ,,	43/3	32/6	62/3	43/3	69/9	48/- ,,
6 ,,	50/6	37/3	73/3	50/6	81/9	56/- ,,
7 ,,	59/-	43/3	84/-	57/9	93/9	63 9 ,,
8 ,,	66/-	50/6	96/-	65/-	105/9	71/6 ,,

Fitted with Plug and Chain, 4/9 extra; with ½ in. Ring 3 in. diameter at each end, 3/- extra; with four 6 in. Cast Iron Wheels and Wrought Axles, 17/- extra.



S 90.—Circular Ceiling Ventilator, to open and shut with key, fitted with hood, pipe, and cowl to carry off the impure air from Stables without down draught.

Price, with Hood and 6 in. Exhaust Ventilator, 32/6 each.

Galvanized Wrought Iron Pipe for ditto, 1/6 per ft.



S 83.

Strong Stable Grating and Frame.

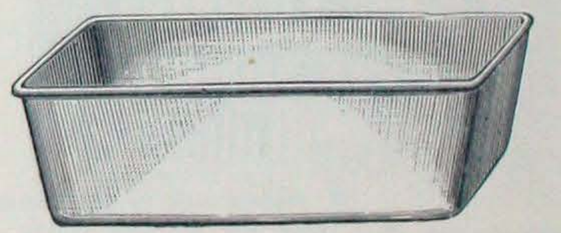


S 84.

Strong Hinged Stable Grating and Frame.

Size	6	7	8	9	10	12 in.
Price	2/3	2/9	3/-	3/9	4/6	6/3 each.

9½ in. square on the top. Price, 5/- each.



S 88.

Cast Iron Cattle Trough, Painted one coat, 18 in. wide, 14 in. deep.

Length	2 ft.	2 ft. 6 in.	3 ft.	3 ft. 6 in.	4 ft.
Price	19/-	20/9	23/9	26/6	36/- each.
	4 ft. 6 in.	5 ft.	6 ft.	7 ft.	8 ft.
	39/9	43/6	47/-	57/-	71/- each.

A variety of other sizes are also made.

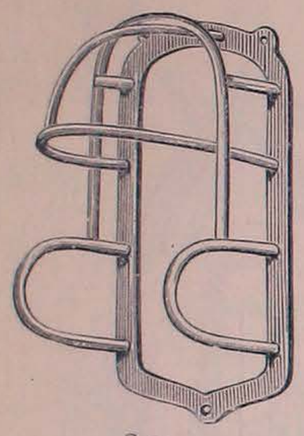
When several of a size are required, special price will be quoted.

Further details will be sent on receipt of requirements.

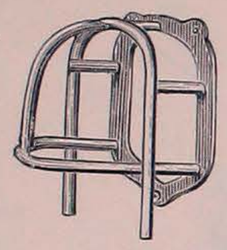
IMPROVED VENTILATING HARNESS BRACKETS.

JAPANNED ANY COLOR, OR GALVANIZED.

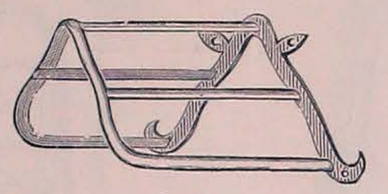
KEPT IN STOCK, JAPANNED SCARLET.



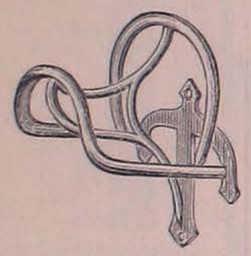
S 95.
Driving Bridle Bracket,
4/6 each.



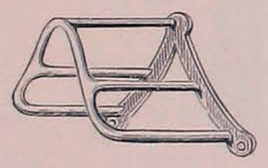
S 96.
Driving Bridle Bracket,
2/10 each.



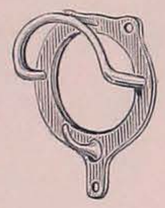
S 97.
Pad Bracket, for single harness,
3/10 each.



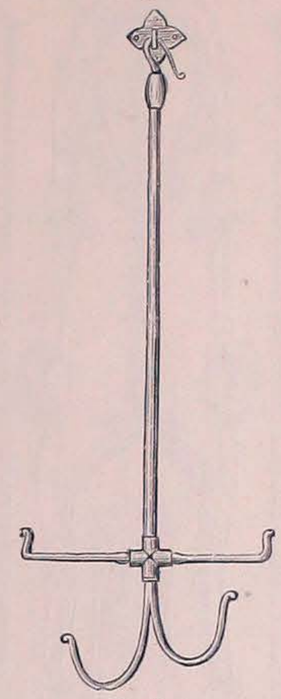
S 100.
Collar Bracket,
3/6 each.



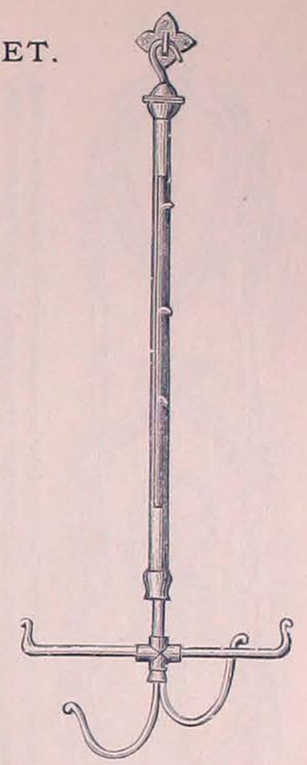
S 101.
Pad Bracket, for double harness,
1/9 each.



S 102.
Riding Bridle Bracket,
1/6 each.



S 98.
Harness Cleaning Hook,
7/- each.



S 99.—Telescope Harness Cleaning Hook,
12/6 each.
Ditto, if covered with Leather ... 19/- each.
Length when up, 3 ft. 6 in.
,, ,, extended, 5 ft.



S 103.
Rein and Crupper Holder,
8d. each.



S 104.
Bit and Stirrup Holder,
6d. each



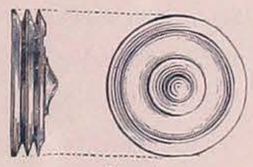
S 105.
Girth Hook,
3d. each.



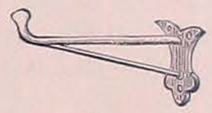
S 106.
Brass Curb Hook, with
japanned rose,
4d. each.



S 107.
Fork, Broom, and
Shovel Holder,
7d. each.



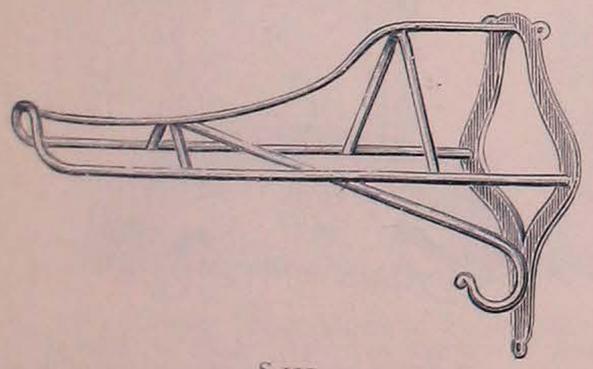
S 108.
Mahogany Whip Holder.
For one whip ... 10d. each.
For two whips ... 1/- ,,



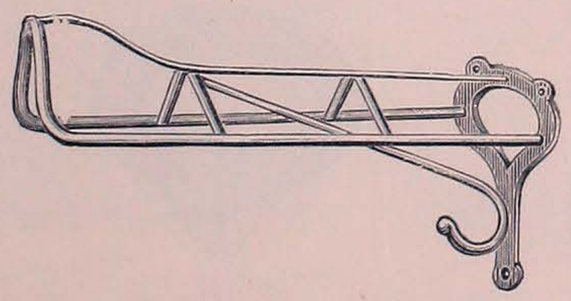
S 109.
Harness Bracket.
Sizes ... 6 8 inch.
7d. 9d. each.



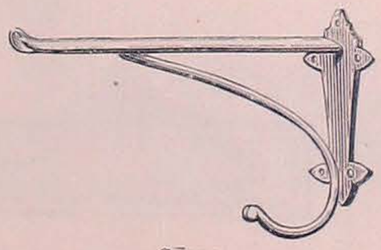
S 110.
Bridle Hook,
8d. each.



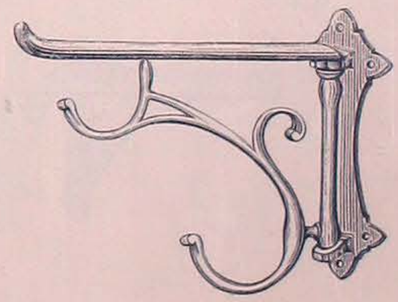
S 111.
Gentlemen's Saddle Bracket,
4/6 each.



S 112.
Ladies' Saddle Bracket,
5/- each.



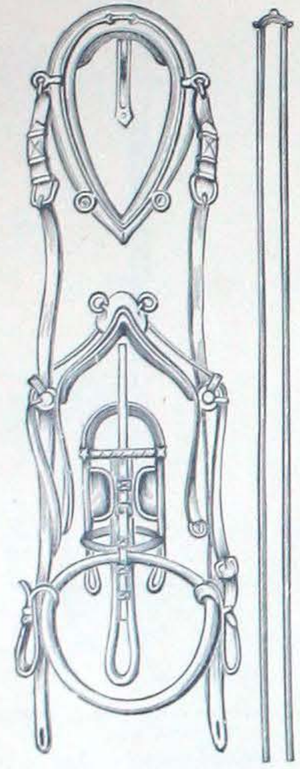
S 113.
Harness Bracket, malleable.
Sizes ... 8 10 12 inch.
1/5½ 1/7 1/9 each.
Cast iron ditto, painted, 12 in. × 12 in., 1/4 each.



S 114.
Swing Bracket.
Sizes ... 9 12 16 inch.
3/6 4/6 5/- each.

Further details will be sent on receipt of requirements.

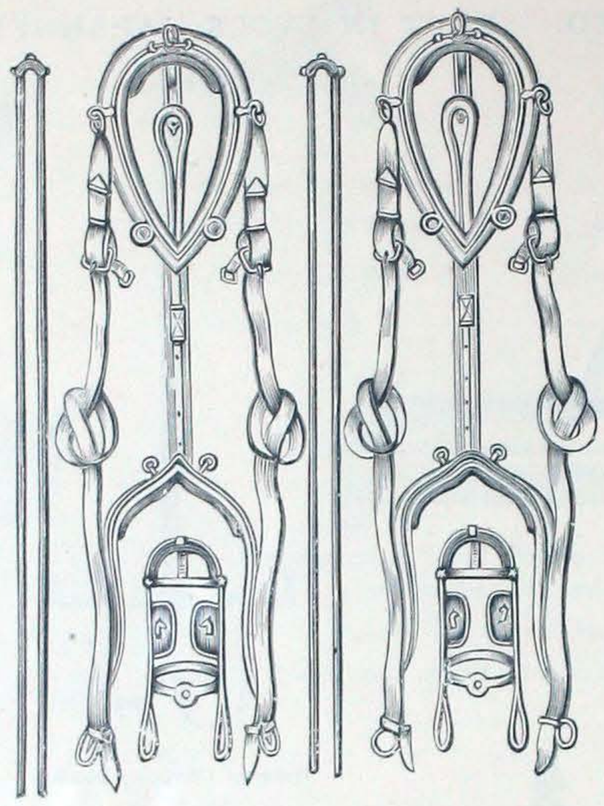
METHODS FOR HANGING SETS OF HARNESS.



S 120.—Set of Single Driving Harness.

Set of Ventilating Brackets, japanned scarlet, to fix as above, consisting of one Bridle Bracket (No. 96), one Pad Bracket (No. 97), one Collar Bracket, and two Rein Holders. Price, 11/6 each.

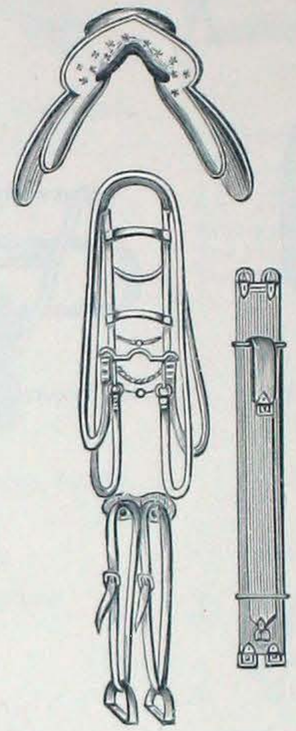
Space required, about 8 ft. × 2 ft. wide.



S 121.—Set of Double Driving Harness.

Set of Ventilating Brackets, japanned scarlet, to fix as above, consisting of two Bridle Brackets (No. 96), two Pad Brackets (No. 101), two Collar Brackets, two Rein Holders, and two Crupper Holders. Price, 18/10 each.

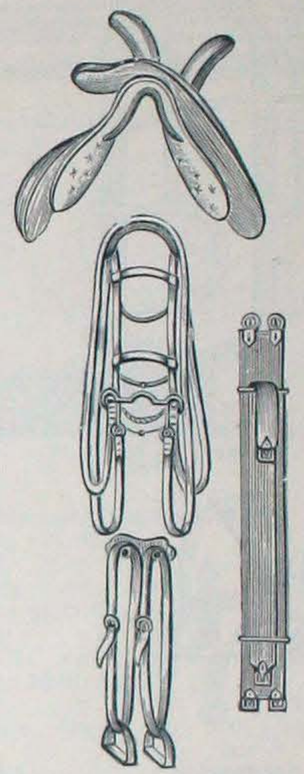
Space required, about 8 ft. × 4 ft. wide.



S 122.—Set of Gentleman's Riding Harness.

Set of Ventilating Brackets, japanned scarlet, to fix as above, consisting of one Saddle Bracket, one Riding Bridle Bracket, one Stirrup Holder, two Girth Hooks.

Price, 7/- each.

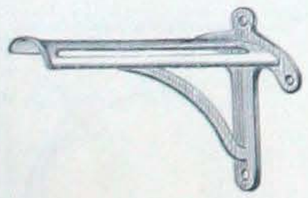


S 123.—Set of Lady's Riding Harness.

Set of Ventilating Brackets, japanned scarlet to fix as above, consisting of one Saddle Bracket, one Riding Bridle Bracket, one Stirrup Holder, two Girth Hooks.

Price, 7/6 each.

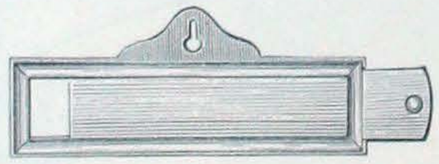
HOSE BRACKET.



S 125.

Size 8 in.

Japanned black, price 2/3 each.

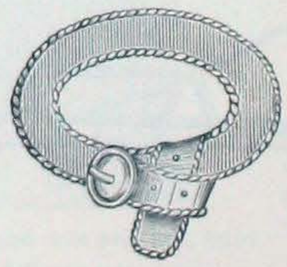


S 126.

With plate to slide, japanned any colour.

Price 3/- each. Lettering, extra.

NAME PLATES.



S 127.

Japanned any colour, price 2/- each.

Lettering, extra.



S 128.

Price 2/9 each.

Painting and Lettering, extra.

Further details will be sent on receipt of requirements.

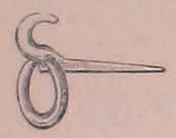
STABLE FITTINGS.



S 130.
Flat Halter Weight, for leather strap.
Price, 1/2 each.
Ditto, covered with leather, 4/- each.



S 140.
Head Stall Ring, 2in. inside ring, japanned scarlet.
Price, 1/3 each.



S 142.
Bridle Hook, for wall, with ring, galvanized.
Price, 5d. each.



S 131.
Halter Ball,
Size 2lb. 3lb.
Price 8d. 9d. each.
Ditto in wood (lignum vitæ) 10d. each.



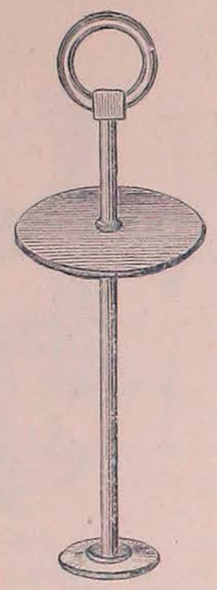
S 141.
Brass Head Stall Ring.
Price, 5/- each.
Ditto, with bolt to go through wall as S133.
Price, 7/6 each.



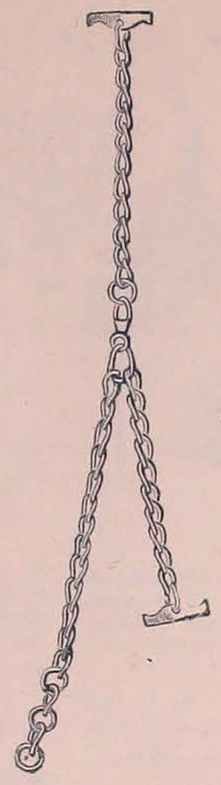
S 143.
Bridle Hook, with ring, to screw, japanned scarlet, or galvanized,
Price, 1/2 each.



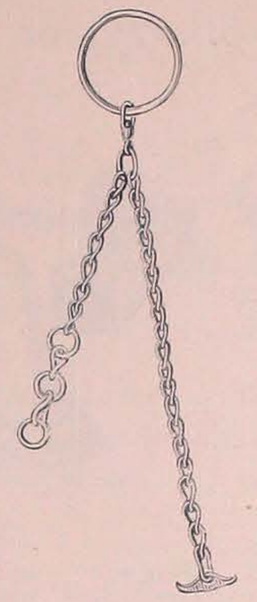
S 132.
Wrought Tying Bar or Shuttle, for fixing to woodwork.
20in. long, 18/- doz., 1/9 each.
Made to any length required at proportionate price.



S 133.
Head Stall Ring, with bolt to pass through wall, and plate for painting name on
Price, 4/6 each.



S 134.
Three Chain Cow Tie. Price, medium strength, 12/9 per doz., 1/2 each.
Extra strong, for bullocks, price according to size.



S 135.
Cow Tie, with ring 5 inch diameter, to slide on wood posts.
Price, medium strength, 11/3 per doz., 1/1 each.
Small ring ditto, for iron bar, medium strength, 12/- per doz., 1/2 each.
Extra strong, for bullocks, price according to size.



S 136.

Pillar Chain, 3 feet long, with one spring hook.

Japanned, price 1/2 each.
Galvanized ,, 1/8 ,,

Ditto, with two spring hooks,

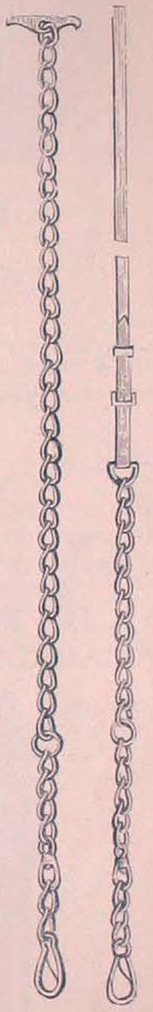
Japanned, price 1/4 each.
Galvanized ,, 1/10 ,,

Brass, without swivel, price 4/6 each.



S 137.—Rack Chain.

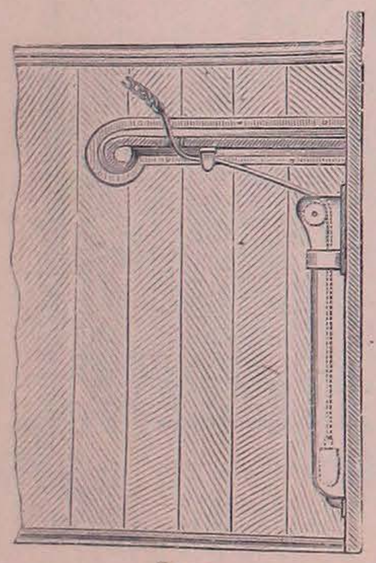
	3 ft.	4 ft. 6 in.
Japanned ...	1/2	1/6 each
Galvanized ...	1/6	1/10 ,,



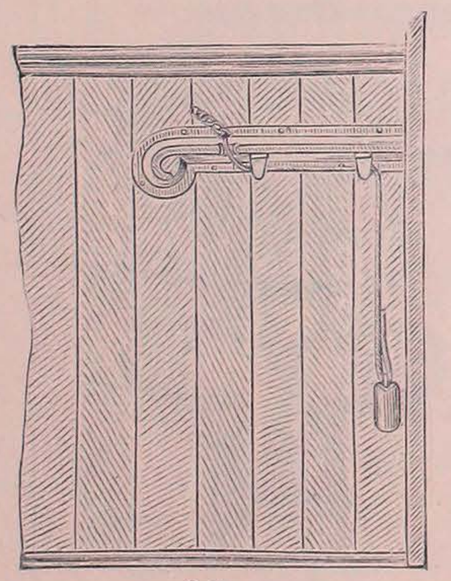
S 138. S 139.

S 138.—Manger chain, 4 ft. 6 in. long, with spring hook.
Japanned, price 1/6 each.
Galvanized ,, 1/10 ,,

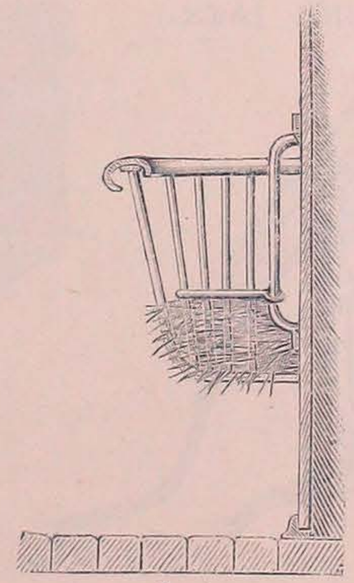
S 139.—Leather Manger Strap, with bright chain and spring hook.
Price, 4/6 each.



S 144.
Improved Noiseless Tying Apparatus, for fixing below the manger, price with leather strap with chain end and weight complete, 17/6 per set.
Also made to fix at side of manger against division.



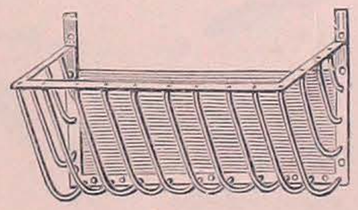
S 145.
Double Pulleys, to carry halter weight, works noiselessly, having boxwood rollers,
Price, 5/- per set.
Flat Iron Weight, 1/2 each.
Ditto, covered with leather, 4/- each.
Leather Strap and Chain, 4/6 each.



S 146.

Improved Sliding Hay Grid, for preventing waste of food. Price, 15/- each.

Can be fitted to nearly any manger having low hay rack.



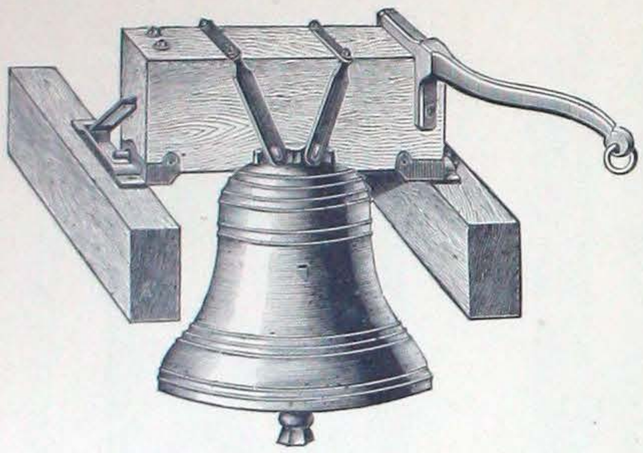
S 147.

Galvanized Wrought Iron Sponge and Brush Rack.

Price, 7/- each.

Further details will be sent on receipt of requirements.

SCHOOL, DINNER, OR ALARM BELLS.



S 3653

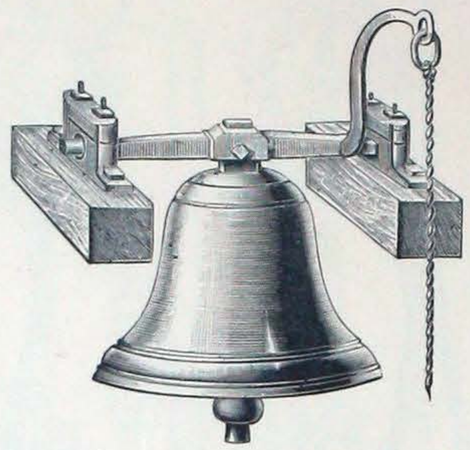
Hung with wood Stock and Cranked Iron Lever, improved turned Steel Gudgeons, Iron Slings, heavy Gun-metal Bearings in Cast Iron Shoes with hinged covers, and Bolts and Nuts for fixing.

Best quality Bells, 1/5½ per lb.

Fittings for	12	13	14	15	16 in. bell.
	31/6	35/6	39/6	41/-	42/6 per set.

Weights of bells are about as follows :—

8	9	10	11	12	13	14	15	16	17	18	20 in.
10	14	21	30	40	52	70	84	102	118	144	212 lbs.



S 3654.

Hung with Wrought Iron Stock and Cranked Lever, Cast Iron Journals (Gun-metal Bearings), with long Pins and Nuts for fixing.

Best quality bells, 1/5½ per lb.

Fittings for—	8	9	10	11	12	13	14 in. bell.
	11/-	11/-	11/-	13/6	15/-	15/9	17/6 per set.

Cheaper fittings also supplied without Gun-Metal bearings.



S 3655.

Hung in Cast Malleable Iron Frame for fixing against a building. The above drawing represents the bell as rung from the outside, but the axle may be so arranged that the bell can be rung from the inside of the building.

Best quality bells, 1/5½ per lb.

Fittings for	10	11	12 in. bell.
	30/-	31/6	39/6 per set.

To ring inside with extended axle through wall, 4/- extra and upwards.

In ordering, the thickness of the wall should be given so that bolts and nuts of a suitable length for fixing may be sent.

IMPROVED TELESCOPE CARRIAGE LIFTING JACK.

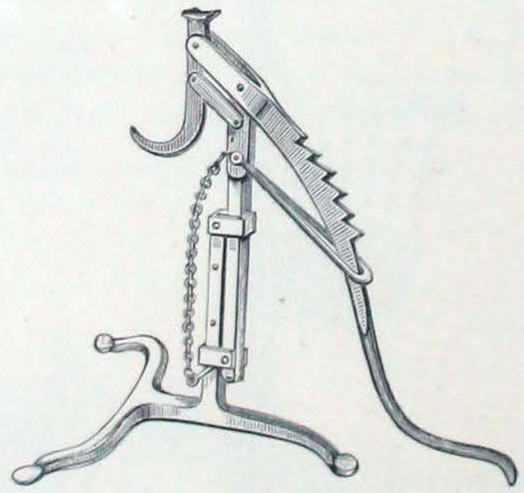


S 154.

This Jack will lift a carriage, cart, or wagon with the greatest ease, and is universally commended for its strength and lightness, being made entirely of wrought and malleable iron.

No. 1.—For light carriages	...	price 13/9 each.
No. 2.—For heavy ,,	...	,, 18/- ,,
No. 3.—For extra heavy carriages		,, 23/3 ,,

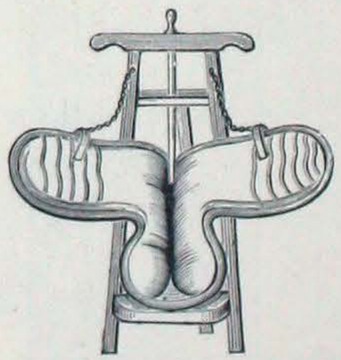
WROUGHT IRON CARRIAGE LIFTING JACK.



S 155.

Nos.	1	2	3
Price	10/6	12/6	14/6 each.

OAK SADDLE AIRER.

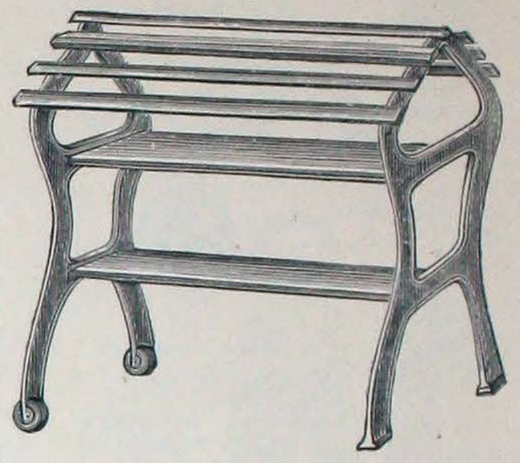


S 152.

This is a useful portable stand for airing and drying saddles, firmly holding saddles in position without injury whilst being dried.

Price, 21/6 each.

HARNESS CLEANING HORSE.

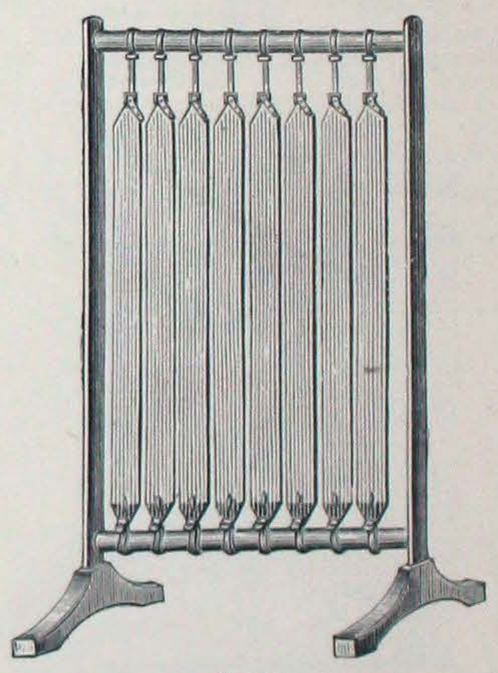


S 153.

On wheels, iron frame, wood top, and two wood shelves, painted.

Price, 40/- each.

GIRTH STRETCHER.



S 157.

With galvanized hooks and leather straining straps.
Price, 23/6 each.
Iron Girth Stretcher, with straps, japanned black.
Price, 8/6 each.
Ditto, ditto, scarlet, blue, or galvanized.
Price, 10/6 each.

Further details will be sent on receipt of requirements.

GALVANIZED IRON EARTH CLOSET FITTINGS.



S 160.—Scoop and Chain

13/9 dozen.

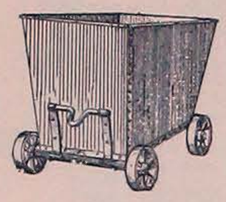
1/4 each.



S 161.—Guide,

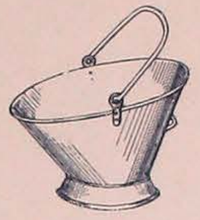
12/3 dozen.

1/2 each.



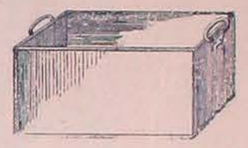
S 162.—Tank on wheels, to remove either from the front (as drawn), back, or side of closet, galvanized body ... ... 23/9 each.

Ditto, without wheels, but straps carried under bottom, to slide, 20/6 each



S 163.—Pail.

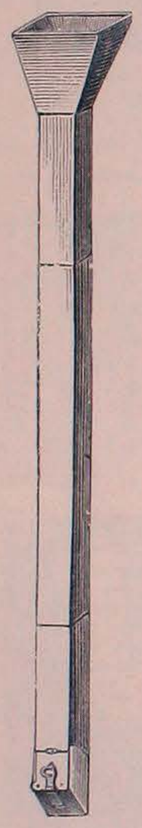
To hold 10 charges ...	32/- dozen;	3/- each.
To hold 20 charges ...	38/- ,,	3/7 ,,
Covers for ditto ...	19/- ,,	1/9 ,,



S 164.—Box with handles, 19½ in. × 12 in. × 10 in. deep,

5/9 each.

Other sizes to order.

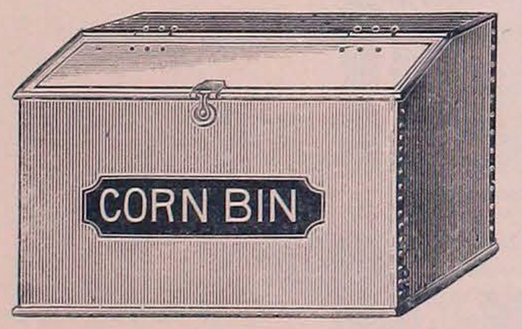


S 168.

Improved Corn Meter.

The corn being put into the hopper from the loft, it can be drawn off as required, by means of the shut off valve, so that a proper quantity may be taken without waste.

Meter, quarter peck ...	9/6 each.
Hopper	4/6 ,,
Supply Pipe	1/3 per foot.

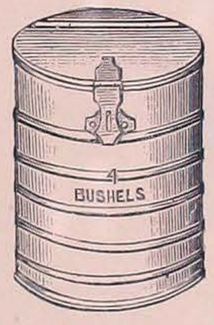


S 3665.

Galvanized Rectangular Corn Bin, with hinged cover, and hasp for padlock.

Sizes	4	6	8	12	16 bushel.
	23/9	27/-	32/9	40/6	51/6 each.

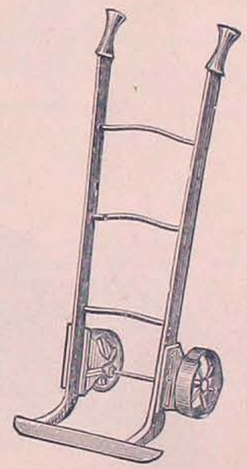
Divisions ... 3/6 each extra.



S 170.

Galvanized Circular Corn Bin, with hinged cover, and hasp for padlock.

Sizes	2	4	6	8 bushel.
	15/-	19/-	23/6	27/- each.



S 171.

Wrought Iron Sack Truck,

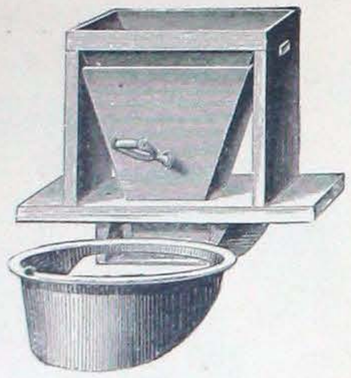
12/6 each.

If with India Rubber Tyres, 17/6 each.

Wood ditto, 17/6 or 21/6 each.

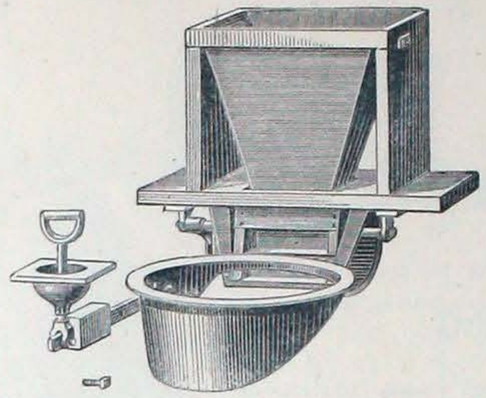
Further details will be sent on receipt of requirements.

PATENT EARTH CLOSET APPARATUS.



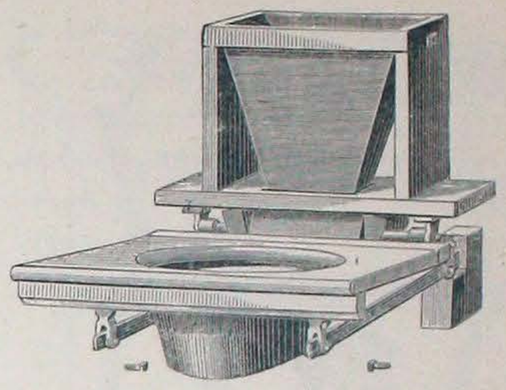
T 3645.

Pull out, with galvanized iron rim, and iron handle,
26/3 each.



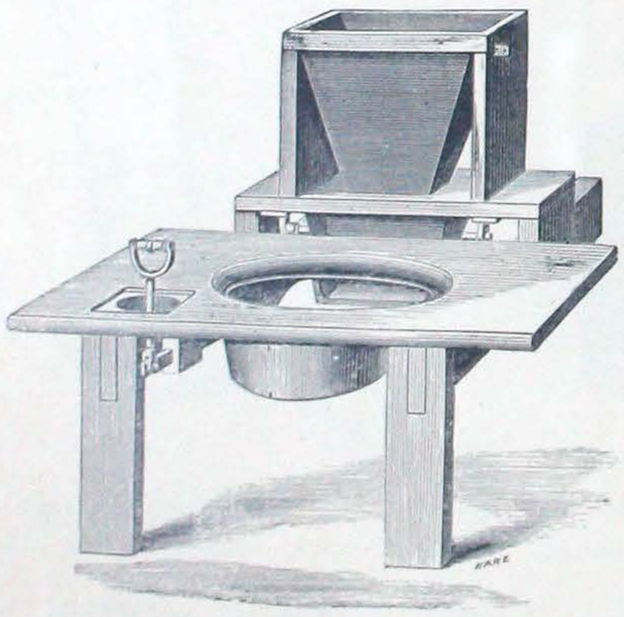
T 3646.

Pull up, with galvanized iron rim, and iron handle,
27/6 each.



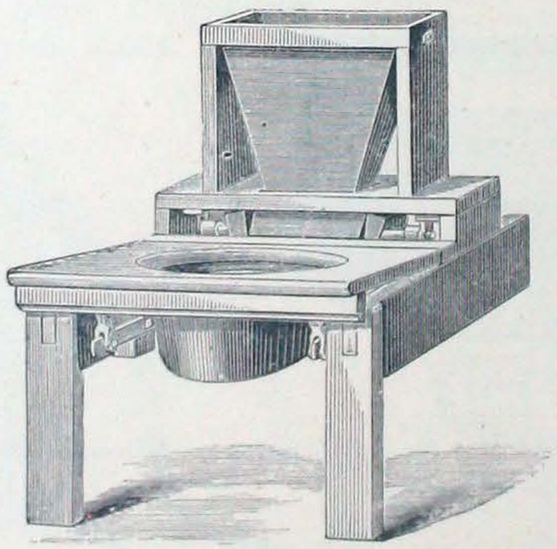
T 3647.

Self acting, with galvanized iron rim, cast iron lever bars, and deal seat,
39/6 each.



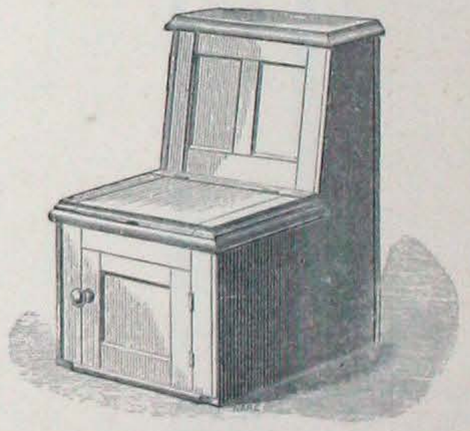
T 3648.

Pull up, with galvanized iron rim, and iron handle, deal seat on bearers, ready for fixing,
39/- each.



T 3649.

Self acting, with galvanized iron rim, cast iron lever bars, deal seat on bearers, ready for fixing,
47/6 each.



T 3650.

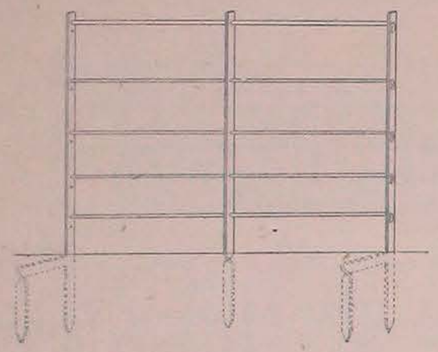
Commode, self acting, with iron rim, plain deal, unvarnished,
70/6 each.

Ditto ditto earthenware rim, plain deal, varnished
86/- each.

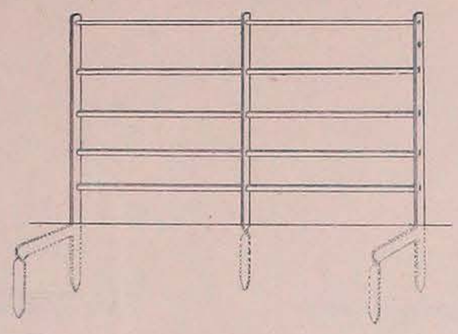
When ordering Apparatus, state whether it is proposed to fix the same over a vault, or whether over a tank or pail

Further details will be sent on receipt of requirements.

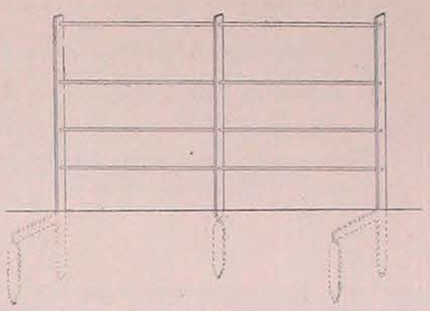
HURDLES AND WIRE FENCING.



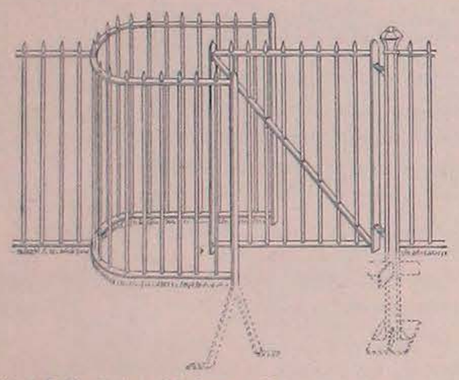
		Per yard.
T 3680.—Rivetless Round Bar Hurdle, top and bottom bars ⅝ in., middle bars ½ in., 6 ft. long, 3 ft. 6 in. high, 4 bars ...		
T 3681.—Ditto, all ⅝ in. bars, 3 ft. 9 in. high, 5 bars		...
T 3682.—Ditto, top bar ¾ in., lower do. ⅝ in.,	3 ft. 9 in. high, 5 bars	...
Ditto	ditto 4 ft. high, 5 bars...	...
Ditto	ditto 4 ft. 6 in. high, 7 bars	...
T 3683.— Ditto	ditto 4 ft. high, 6 bars, 4 upright bars..	



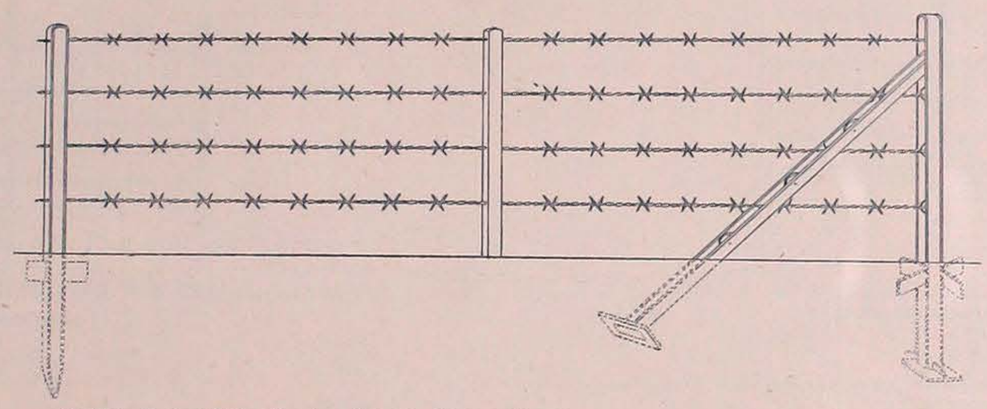
			Per yard.
T 3684.—Light Cattle Hurdle, top bar ⅝ in. round, lower bar 1 in. × ¼ in., 6 ft. long, 3 ft. 6 in. high, 5 bars			
T 3685.—Ditto, heavier uprights, 6 ft. long, 3 ft. 6 in. high, 5 bars			...
Ditto, ditto	6 ft. long, 4 ft. high, 6 bars		...
T 3686.—Strong ditto, top bar ¾ in. round, lower bar 1 in. × ¼ in., 4 uprights ...			3 ft. 6 in. high, 5 bars
Ditto	ditto	ditto	3 ft. 9 in. ,, 5 ,,
Ditto	ditto	ditto	4 ft. high, 6 ,,



		Per yard.
T 3687.—Round Bar Hurdle, ½ in. bars, 6 ft. long, 2 ft. high, 3 bars ...		
T 3688.—Ditto, top bar ⅝ in., lower bar ½ in.,	3 ft. 3 in. ,, 4 ,,	...
Ditto,	ditto 3 ft. 6 in. ,, 5 ,,	...
T 3689.—Ditto, strong, top bar ¾ in., lower bar ⅝ in.,	3ft. 6in. high, 5 bars	
Ditto,	ditto 3ft. 9in. ,, 5 ,,	
Ditto,	ditto 4ft. high, 5 ,,	

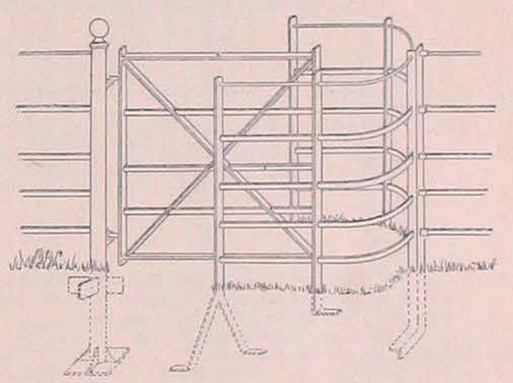


	Each
T 3690.—Foot Path Gate, with bow and 2 standards, not exceeding 4 ft. 6 in. high from ground when hung, ⅝ in. dia. bars, self-shutting one way, pillar with self-fixing base ...	
T 3691.—Ditto, with pillar and bolts for stone	
T 3692.—Ditto, not exceeding 6 ft. high from ground when hung, ¾ in. diam. bars, self-shutting one way, pillar with self-fixing base	
T 3693.—Ditto, ditto, with pillar and bolts for stone ...	

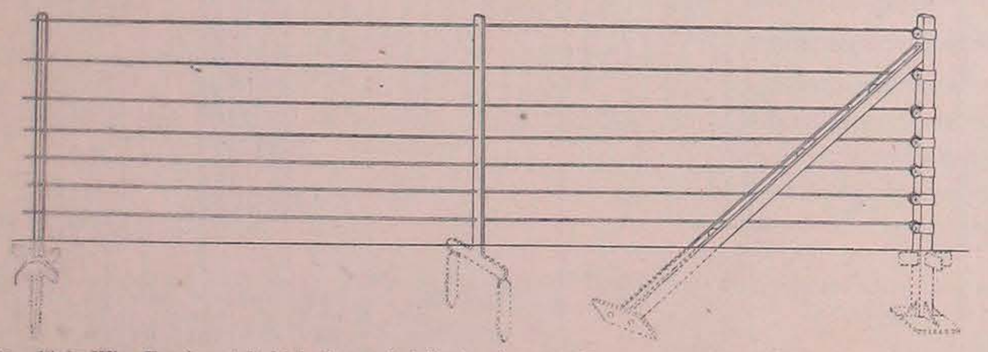


	Per yard.
T 3694.—Barbed Wire Fencing, 3 ft. 6 in. high, with 3 lines galvanized steel barb wire, standards 12 ft. apart, and one steel dropper between	
Ditto, 3 ft. 9 in. high, with 4 lines of wire...	
Ditto, 4 ft. ,, ,, 5 ,, ...	
Ditto, 4 ft. 6 in. ,, ,, 6 ,, ...	

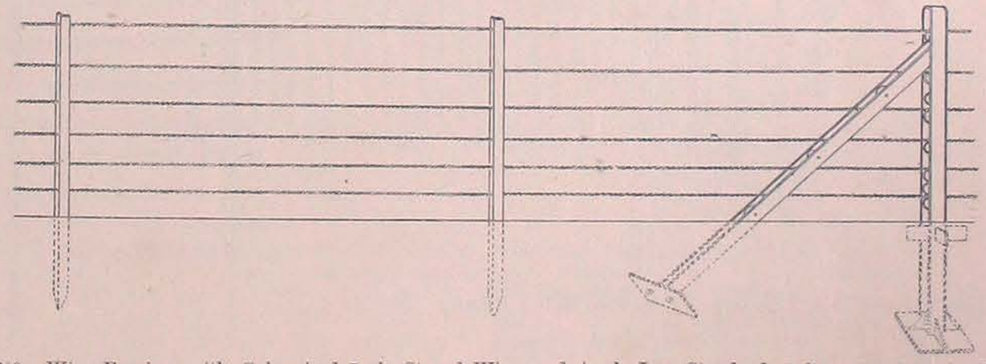
T 3695.—Straining Pillar & Stay for Fencing,	3 ft. 6 in. high,	extra.	4 ft. high ...	extra.
Ditto	ditto	3 ft. 9 in. ,,	,,	4 ft. 6 in. high	,,



	Each.
T 3696.—Light Foot Path Gate, with bow and 4 uprights, not exceeding 4 ft. high from the ground when hung, self-shutting one way, including pillar with self-fixing bases ...	
T 3697.—Ditto, without pillar, with hangings for wood or stone	
T 3698.—Ditto, not exceeding 4 ft. 6 in. high from the ground when hung, self-shutting one way, including pillar with self-fixing base	
T 3699.—Ditto, without pillar, with hangings for wood or stone	



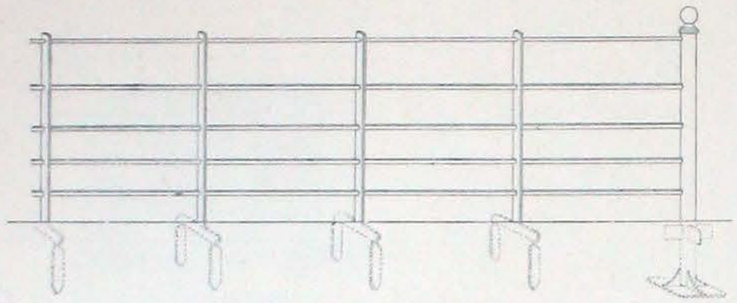
	per yard.
T 3700.—Plain Wire Fencing, 4 ft. high, 7 annealed black wires, top No. 4 gauge, 6 lower No. 6 gauge, standards 9 ft. apart, with double pronged feet	
T 3701.—Ditto, but with extra strong standards, with straight feet and wing earth plates	,,
T 3702.—Straining Pillar, with Stay	extra.



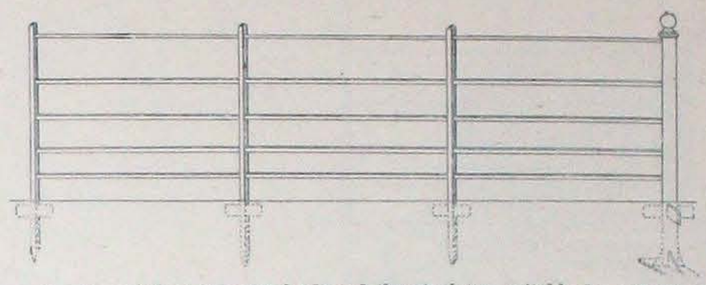
T 3703.—Wire Fencing, with Galvanized 7 ply Strand Wires and Angle Iron Standards 8 ft. apart, top wire No. 4 gauge, lower No. 6 gauge; suitable for sheep or light cattle—				
5 Wires, 3 ft. 6 in. high ...		6 Wires, 3 ft. 9 in. high ...		7 Wires, 4 ft. high ...	per yard.
T 3704.—Straining Pillar, with Stay for Fencing, 3 ft. 6 in. high					extra.
Ditto	ditto	3 ft. 9 in. ,, ...			,,
Ditto	ditto	4 ft. high			,,

Prices quoted on receipt of requirements.

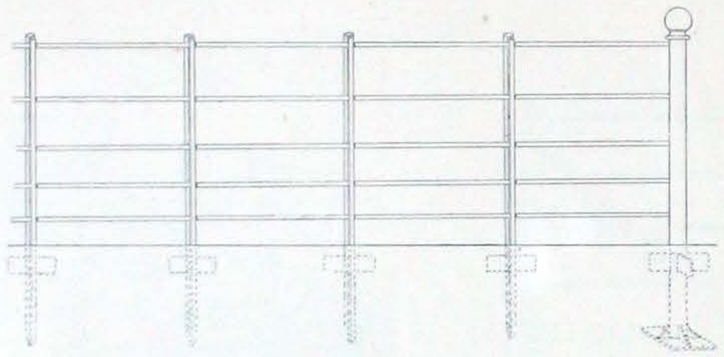
CONTINUOUS FENCING AND TREE GUARDS.



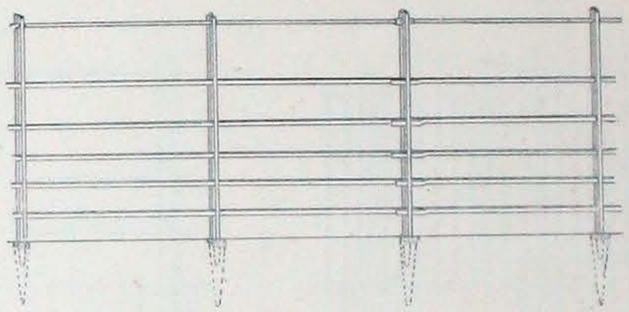
T 3710.—Continuous Round Bar Fencing, with standards 3 ft. apart, with double pronged feet, suitable for sheep and light cattle—
3 ft. 6 in. high, 5 bars, top bar ⅝ in., lower bars ½ in. ... ... per yard.
3 ft. 9 in. „ 5 „ „ ⅝ in., „ ½ in. ... ... „
4 ft. 6 in. „ 6 „ „ ⅝ in., „ ½ in. ... ... „
T 3711.—Terminal Pillar for Fencing, 3 ft. 9 in. high ... ... each extra.
Ditto ditto 4 ft. 6 in. „ ... ... „



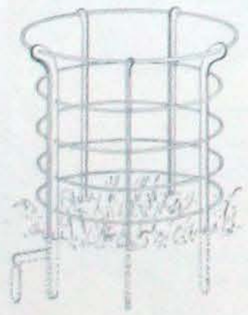
T 3712.—Continuous Fencing, with H iron standards and thrust plates, suitable for general purposes, 3 ft. 9 in. high, standards 3 ft. apart, 5 bars, top bar ⅝ in., lower bars 1 in. × ¼ in. ... } Per yard.
Ditto, 4 ft. 6 in. high, 6 bars, „ ⅝ in., „ 1 in. × ¼ in. ... }
T 3713.—Extra Strong ditto, 4 ft. 6 in. high, standards 3 ft. 6 in. apart, 6 bars, top bar ⅞ in., lower bars 1 in. × 5/16 in. ... ... }
T 3714.—Terminal Pillars for Fencing, 3 ft. 9 in. high ... ... each extra.
Ditto ditto 4 ft. 6 in. „ ... ... „ „



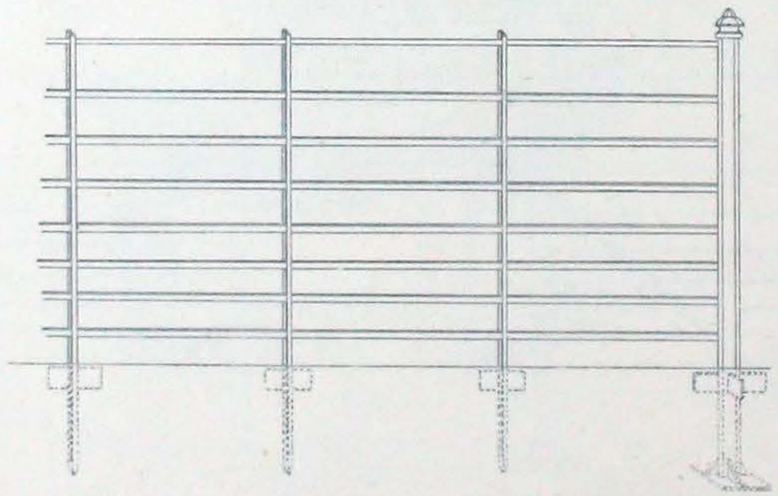
T 3715.—Continuous Tubular Fencing, standards with thrust plates—
3 ft. 9 in. high, standards 3 ft. apart, 5 tubes, top tube ¾ in., lower tubes ⅝ in. ... per yard.
4 ft. high, standards 3 ft. 6 in. „ 5 „ „ 1 in., „ ¾ in. ... „
4 ft. 6 in. high, standards 4 ft. „ 6 „ „ 1 in., „ 1 in. ... „
T 3716.—Terminal Pillars for Fencing—
3 ft. 9 in. high ... each extra. | 4 ft. high ... each extra | 4 ft. 6 in. high ... each extra.



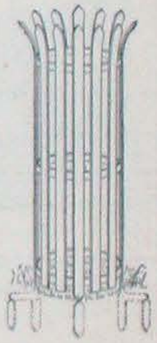
T 3717.—Continuous Wrot Iron Fencing, with Cast Iron Socket Bases, standards 3 ft. 6 in. apart, joining standards, 14 ft. centres, 4 ft. high, per yard.



T 3718.—Wrought Iron Tree Guard, 3 ft. 6 in. high × 4 ft. diam. at top, 5 bars ... ... } Each.
Ditto, 4 ft. high × 5 ft. diam. at top, 5 bars
Ditto, 4 ft. 6 in. „ × 6 ft. „ „ 6 „

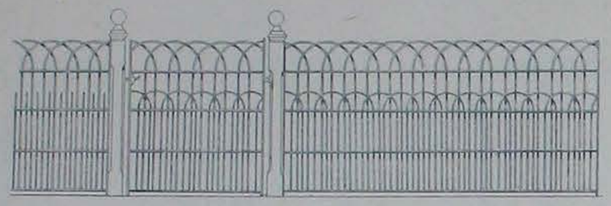


T 3719.—Continuous Deer Park Fencing, 6 ft. high, bulb T standards, 4 ft. apart, with thrust plates, joining standards 16 ft. apart, top bar ¾ in. diameter, 7 lower bars 1 in. × ¾ in. ... ... } Per yard.
T 3720.—Ditto, but with flat intermediate standards, with double pronged feet ...
T 3721.—Cast Iron Terminal Pillar, with self-fixing base ... ... each extra



T 3722.—Wrot Iron Tree Guard, 6 ft. high, 2 ft. 3 in. diam., flat bars, 5½ in. centres ... ... } Each.
T 3723.—Ditto, 6 ft. high × 1 ft. diam., flat bars, 3 in. centres ... ... }
Ditto, 6 ft. high × 1 ft. 3 in. diam., ditto ...
Ditto, 6 ft. „ × 1 ft. 6 in. „ ditto ...

Prices quoted on receipt of requirements.

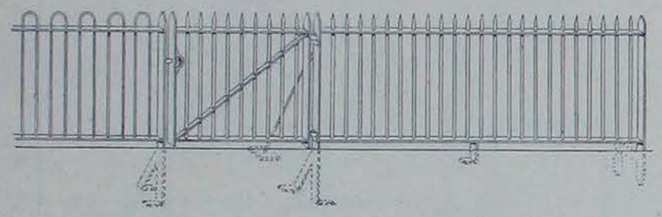


T 3730.—Ornamental Game Proof Garden Hurdles, 6 ft. long, Bars ¼ in. diameter, 1½ in. Centres—

2 ft. 6 in. high, 3 horizontal bars	per yard.
3 ft. 0 in. ,, 3 ,, ,, ...	,,
3 ft. 6 in. ,, 3 ,, ,, ...	,,
4 ft. 0 in. ,, 4 ,, ,, ...	,,

T 3731.—Hand Gate, 3 ft. wide × 4 ft. high, with latch and hanging for wood or stone posts ... ... each.

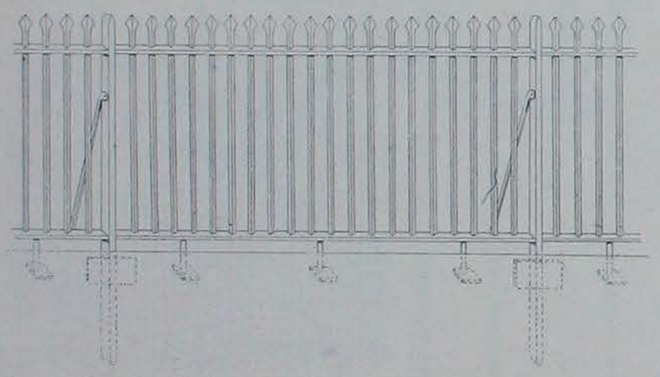
T 3732. Cast Iron Pillars, 2 in. square, with self-fixing bases to suit above ... ... per pair.



T 3736.—Light Wrot Iron Vertical Bar Hurdles, 6 ft. long, with prong feet—

Standards and Horizontals.	Bars.	Per Yard.
2 ft. 6 in. high	1¼ in. × ¼ in.	⅜ in. diameter, 3 in. centres
2 ft. 9 in. ,,	1¼ in. × ¼ in.	⅜ in. ,, 3 in. ,,
3 ft. 0 in. ,,	1¼ in. × ¼ in.	⅜ in. ,, 3 in. ,,
3 ft. 6 in. ,,	1¼ in. × 5/16 in.	7/16 in. ,, 3 in. ,,

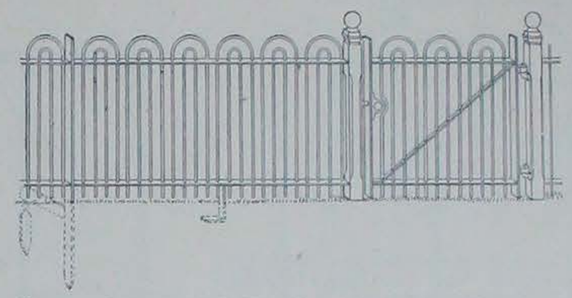
T 3737.—Hand Gate to match, not exceeding 3 ft. 6 in. high × 3 ft. wide, including 1 side stay ... ... each.



T 3740.—Continuous Square Bar Unclimbable Railing in 9ft. lengths, with one standard and stay to each—

3 ft. 6 in. high, 9/16 in. square bars, 4½ in. centres	per yard.
3 ft. 9 in. ,, 9/16 in. ,, ,, 4½ in. ,, ...	,,
4 ft. 0 in. ,, 9/16 in. ,, ,, 4½ in. ,, ...	,,
4 ft. 6 in. ,, ⅝ in. ,, ,, 4½ in. ,, ...	,,
5 ft. 0 in. ,, ⅝ in. ,, ,, 4½ in. ,, ...	,,

Above is also made adjustable to suit rising and falling ground. Sizes and prices on application.

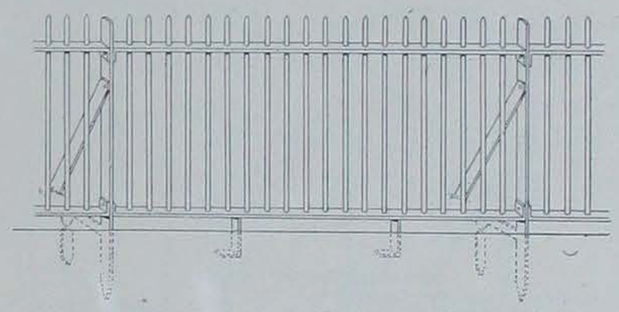


T 3733.—Extra Strong Ornamental Hurdles, 6 ft. long, ⅜ in. bars, 2½ in. centres—

2 ft. 6 in. high, 2 horizontal bars	per yard.
3 ft. 0 in. ,, 3 ,, ,, ...	,,
3 ft. 6 in. ,, 3 ,, ,, ...	,,
4 ft. 0 in. ,, 3 ,, ,, ...	,,

T 3734.—Hand Gate to match, 3 ft. wide × 4 ft. high ... each.

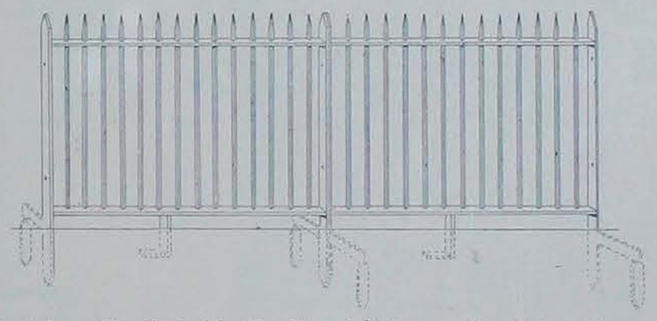
T 3735.—Cast Iron Pillars, 2 in. square, with self-fixing bases ... per pair extra.



T 3738.—Continuous Unclimbable Wrot Iron Railing, with prong feet, standards 9 ft. apart—

Horizontals and Standards.	Bars.	Per Yard.
3 ft. 6 in. high	1¼ in. × ⅜ in.	½ in. diameter, 4½ in. centres
3 ft. 9 in. ,,	1¼ in. × ⅜ in.	½ in. ,, 4½ in. ,,
4 ft. 0 in. ,,	1¼ in. × ⅜ in.	½ in. ,, 4½ in. ,,
4 ft. 6 in. ,,	1¼ in. × ⅜ in.	⅝ in. ,, 4½ in. ,,

T 3739.—Side Stays, with base plate, 1¼ in. × ⅜ in., for railing up to 4 ft. 6 in. high, each extra.

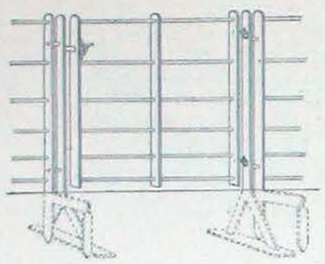


T 3741.—Wrot Iron Unclimbable Hurdles, 6 ft. long, with plain points—

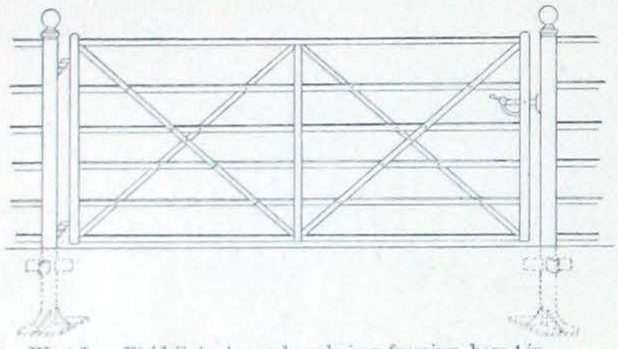
Horizontals and Standards.	Vertical Bars.	Per Yard.
3 ft. 0 in. high	1¼ in. × ¼ in.	⅜ in. diameter, 3 in. centres
3 ft. 6 in. ,,	1⅜ in. × 5/16 in.	½ in. ,, 3½ in. ,,
4 ft. 0 in. ,,	1⅜ in. × 5/16 in.	½ in. ,, 3½ in. ,,
4 ft. 0 in. ,,	1½ in. × ⅜ in.	⅝ in. ,, 4 in. ,,
4 ft. 6 in. ,,	1½ in. × ⅜ in.	⅝ in. ,, 4 in. ,,
5 ft. 0 in. ,,	1¾ in. × ⅜ in.	¾ in. ,, 4¼ in. ,,

Above can be supplied with blunt points or bow tops at same prices.

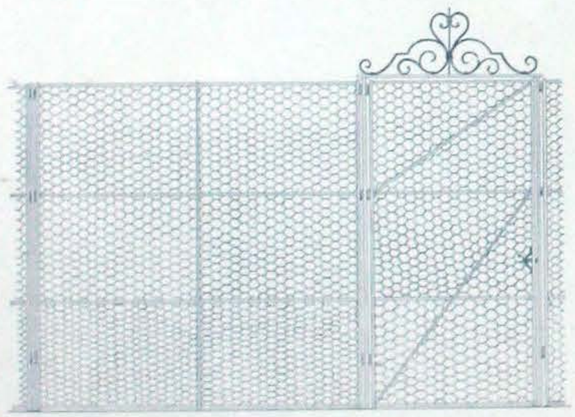
Prices quoted on receipt of requirements.



T 3746.—Wrought Iron Hand Gate to match solid bar hurdles or fencing not exceeding 4 ft. high, gate only 3 ft. wide, with latch and hangings for wood or stone ... ... each.
T 3747.—Ditto, with wrot iron standards to bolt to ends of hurdles as shown ... ... ,,
T 3748.—Gate only, made extra strong, with latch and hangings for wood or stone... ... ... ,,
T 3749.—Ditto, with strong wrot iron standards to bolt to ends of Hurdles ... ... ,,
If Gate made self-shutting, extra.



T 3754.—Wrot Iron Field Gate, tee and angle iron framing, bars 1 in. × ¼ in., fitted with ordinary latch or slip bolt for padlock, gate only 9ft. wide×3ft. 9in. high, with hangings for wood or stone... ... ... each.
T 3755.—Ditto, with cast iron pillars, with self-fixing bases as shown ,,
T 3756.—Gate only 9ft. wide×4 ft. 6 in. high, with 5 inner horizontals ,,
T 3757.—Ditto, with cast iron pillars, with self-fixing bases... ... ,,



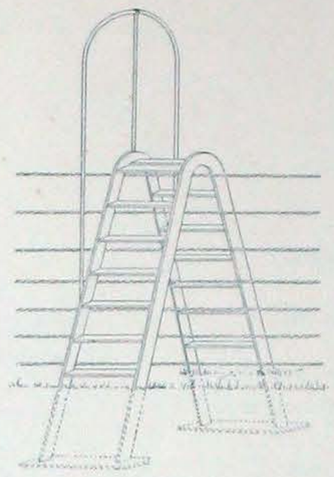
T 3760.—Lawn Tennis Fencing, made in hurdles 6 ft. long, covered with 2 in. mesh galvanized wire netting, including standards with anchor feet—

	Ironwork Painted.	Ironwork galvanized.
4 ft. high, 3 horizontals ...	per yard	per yard
6 ft. ,, 4 ,, ...	,,	,,
8 ft. ,, 5 ,, ...	,,	,,

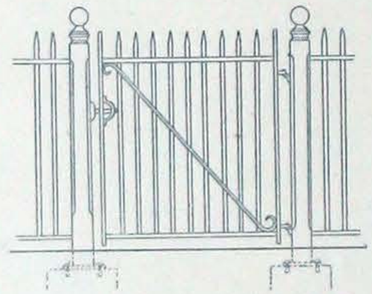
T 3761.—Gate 3 ft. wide, hung to extra strong standards, made self-closing—

	Painted.	Galvanized.
4 ft. high		
6 ft. ,, ...		
8 ft. ,, ...		

If without ornamental scroll on top ... ...



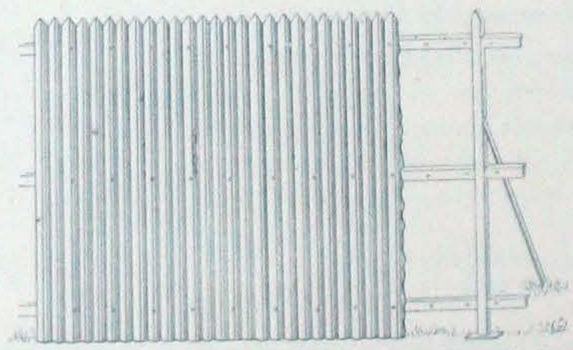
T 3750.—Wrot Iron Step Ladder or Style, for iron or wire fences, including hand rail as shown—
For fences up to 4 ft. high ... ... each.
,, ,, ,, ,, 4 ft. 6 in. to 5 ft. high ,,



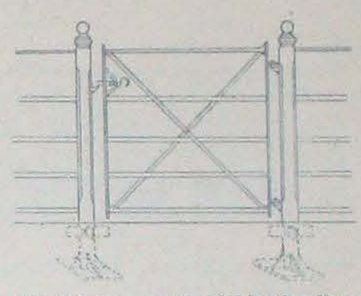
T 3758.—Vertical Round Bar Hand Gate, 3ft. 6in. wide, fitted with either latch or slip bolt for padlock—

	Hand Gate only, with Hangings for Wood or Stone. Each.	Hand Gate and Cast Iron Pillars to fix on Stone Bases, including Bolts. Each.	Hand Gate and Cast Iron Pillars with Self-fixing Bases. Each.
3ft. 6in. high, bars ½in. diam.			
3ft. 9in. ,, ,, ½in. ,,			
4ft. 0in. ,, ,, ½in. ,,			
4ft. 6in. ,, ,, ½in. ,,			
5ft. 0in. ,, ,, ½in. ,,			

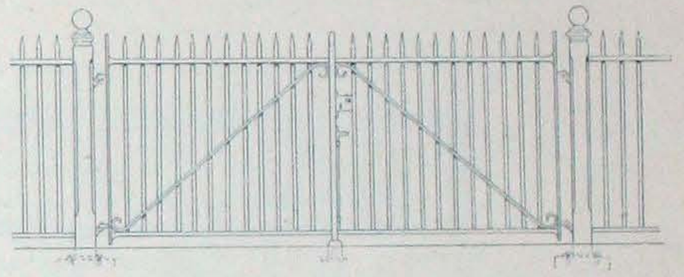
If Gate fitted with brass warded lock, extra.



T 3762.—Corrugated Sheet Iron Unclimbable Fencing, with standards 8 ft. 4 in. apart, suitable for poultry and public grounds, with bolts and nuts and stays complete—
5ft. high, ; 6ft. high, ; 7ft. high, ; 8ft. high, per yard.
T 3763.—Angle Iron Standards for corners ... . each extra.



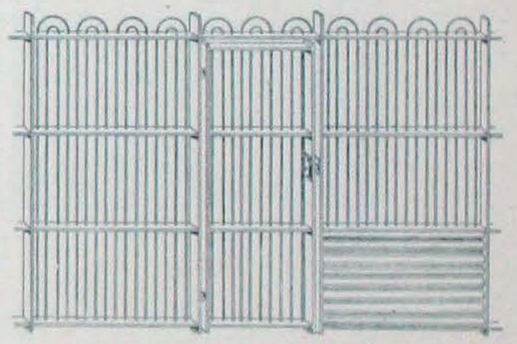
T 3751.—Wrot Iron Hand Gate to match solid bar hurdles or fencing not exceeding 4 ft. high, gate only 3 ft. 6 in. wide, with latch and hangings for wood or stone .. .. each.
T 3752.—Ditto, with strong wrot iron standards ... ,,
T 3753.—Ditto, with cast iron pillars, with self-fixing bases as shown ,,
If Gate made self-shutting ... ... extra ,,
Can be supplied 4 ft. 6 in. high, with 5 inner horizontal bars, gate only ... ... extra ,,
Ditto gate and pillars ... . ,, ,,



T 3759.—Vertical Round Bar Gates, 9 ft. wide, fitted with either latch or slip bolt for padlock—

	Pair Gates, with Hangings for Wood or Stone. Each.	Pair Gates and Pillars to fix on Stone Bases, including Bolts. Each.	Pair Gates and Pillars, with Self-fixing Bases. Each.
3ft. 6in. high, bars ½in. diam.			
3ft. 9in. ,, ,, ½in. ,,			
4ft. 0in. ,, ,, ½in. ,,			
4ft. 6in. ,, ,, ½in. ,,			
5ft. 0in. ,, ,, ½in. ,,			

If Gates are fitted with brass warded lock and sham, extra.
If with cast iron gate stop as shown, extra.



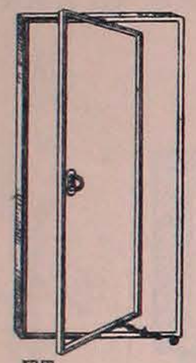
T 3764.—Wrot Iron Dog Kennel Railing, in 6ft. lengths, with standards to fix in ground—

	5ft.	6ft.	7ft. high.
Bars ⅝in. diam., 2in. apart			per yard,
T 3765.— ,, ½in. ,, 2½in. ,,			,,
T 3766.— ,, ½in. ,, 3in. ,,			,,

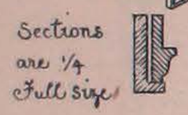
T 3767.—Hand Gate and Standards for ditto, with slip bolt ... ... each.
If railing is fitted with galvanized corrugated sheets at bottom 2ft. 2in. high. per yard extra.
If gates ditto, each extra.

Prices quoted on receipt of requirements.

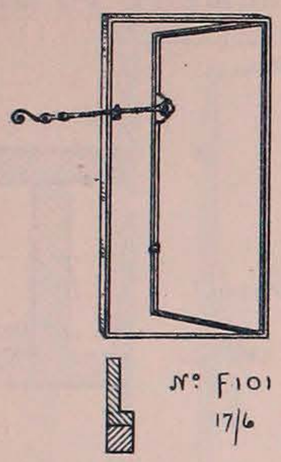
IMPROVED WROT IRON CASEMENTS.



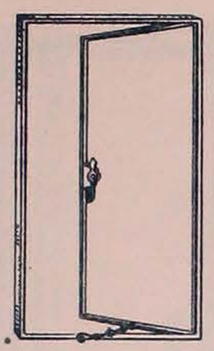
Sections are ¼ Full size



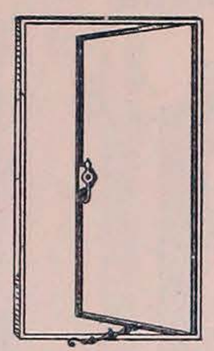
N° F100 13/6



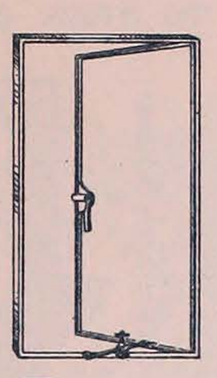
N° F101 17/6



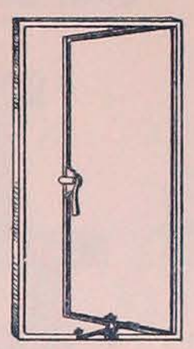
N° F102 14/- Brass Fastener and Stay 2/- extra.



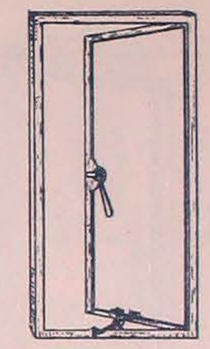
N° F103 17/- Brass Fastener and Stay 2/- extra.



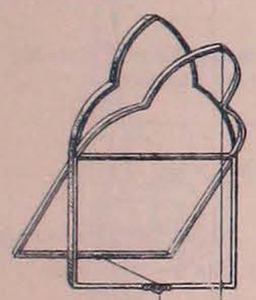
N° F104 25/- Brass Fastener and Stay 3/3 extra.



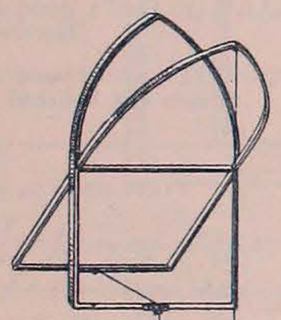
N° F105 27/3 Brass Fastener and Stay 3/3 extra.



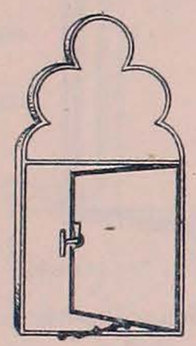
N° F94 34/- each Brass Fastener and Stay 3/3 extra.



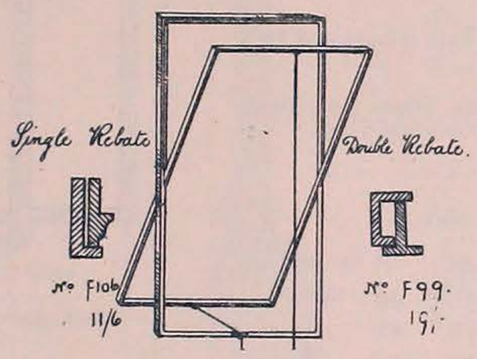
N° F107 17/6



N° F108 15/-



N° F109 25/-

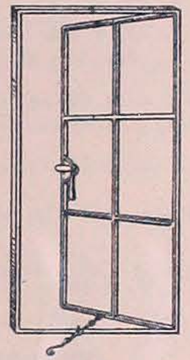


Single Rebate

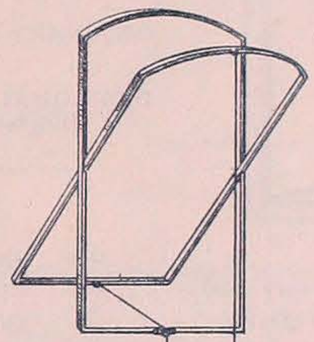
N° F106 11/6

Double Rebate.

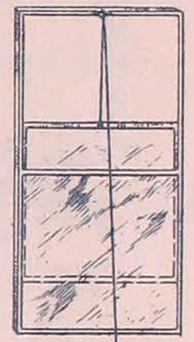
N° F99. 19/-



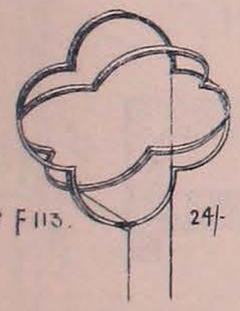
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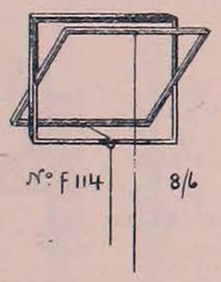
N° F111. 14/-



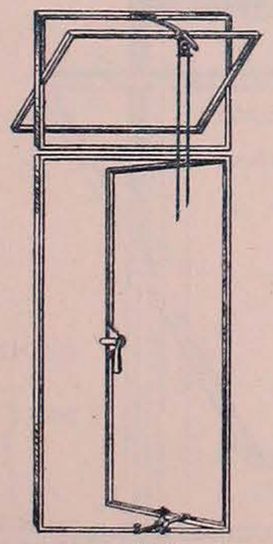
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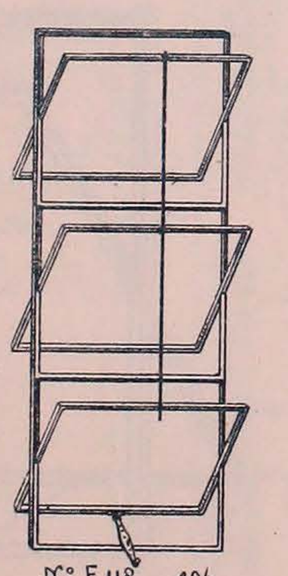
N° F113. 24/-



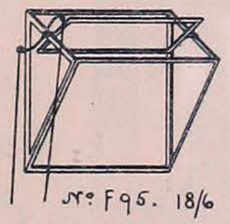
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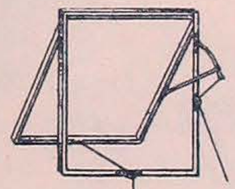
N° F117 with Pat Opener 38/-



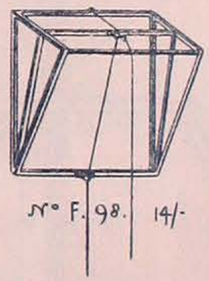
N° F118 40/-



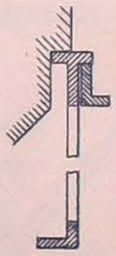
N° F95. 18/6

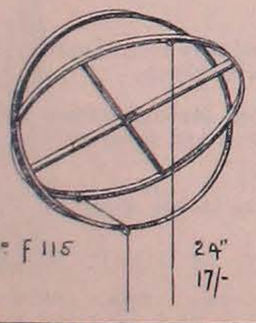


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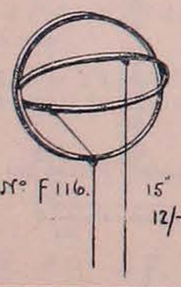


N° F. 98. 14/-

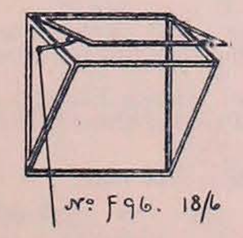




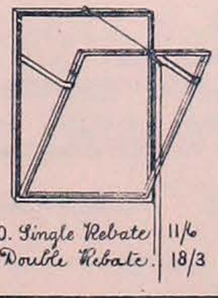
N° F115 24" 17/-



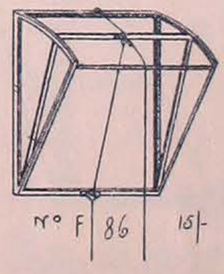
N° F116. 15" 12/-



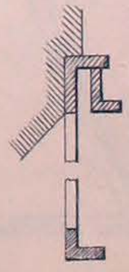
N° F96. 18/6



N° F120. Single Rebate 11/6
N° F93. Double Rebate. 18/3



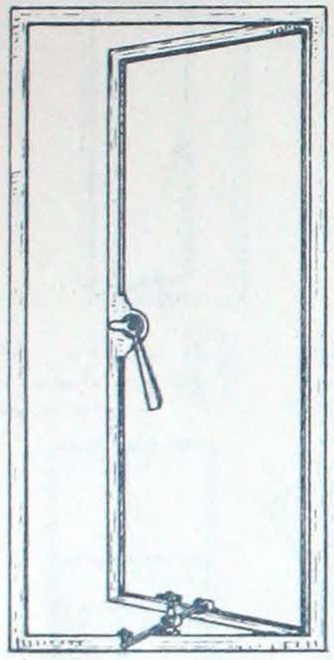
N° F 86 15/-

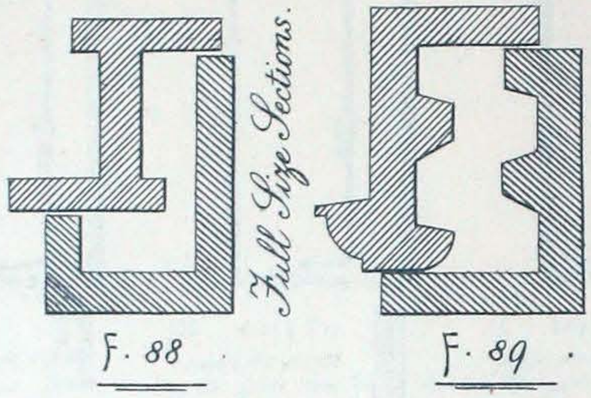


Above prices are to a scale of about ½-in. = 1-ft., but can be made to any dimensions. Special prices for large quantities and other sizes on receipt of specification. Full size sections of any of above will be sent on application. When ordering Swing Casements, state No. of pattern, outside measurement of frame; position of glazing or tie bars, if any; if for sheet glass or leaded work; if glazing bars above or below; if open by cords or racks. When ordering Hinged Casements, state No. of pattern; outside measurement of frame; position of glazing or tie bars, if any; on which side to hang when inside room, and if for sheet glass or leaded work. Sections of Side Hung Casements to open INWARDS sent on application, but are not recommended.

IMPROVED DOUBLE REBATED CASEMENTS.

CASEMENTS TO OPEN OUTWARDS.





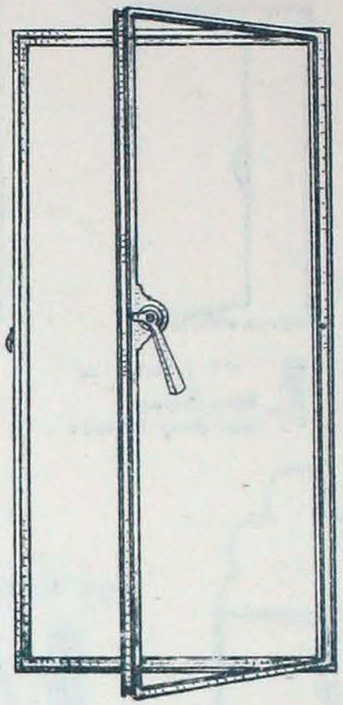
F. 88. F. 89.

ORDINARY QUALITY fitted with Brass Hinges and Iron Handles and Stay.

BEST QUALITY with Planed Meeting Edges, Gun Metal Hinges and Polished Brass Fasteners and Stays.

Prices up to 24 inches wide.

	24	30	36	42	48	54	60 inches high
F 88.—Ordinary Quality ...	26/-	26/9	27/3	28/9	30/3	32/9	34/3 each
Best Quality ...	34/-	35/-	36/6	38/6	40/6	43/-	45/- ,,
F 89.—Ordinary Quality ...	32/-	33/-	34/-	35/6	37/-	40/-	42/- ,,
Best Quality ...	40/-	41/-	42/6	44/6	46/6	50/-	51/6 ,,



CASEMENT TO OPEN INWARDS.

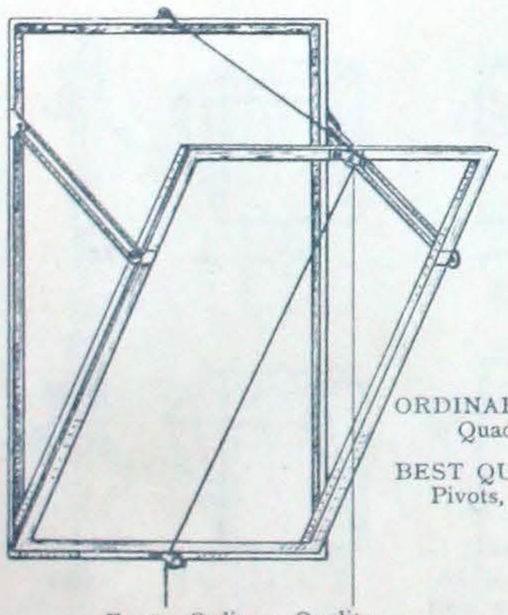


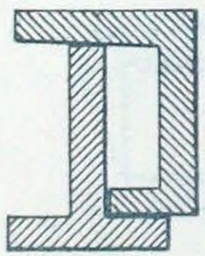
ORDINARY QUALITY fitted with Brass Hinges and Iron Handles.

BEST QUALITY with Planed Meeting Edges, Gun Metal Hinges and Polished Brass Fastener.

Prices up to 24 inches wide.

	24	30	36	42	48	54 inches high
F 90—Ordinary Quality	21/6	22/3	23/-	23/9	24/9	26/9 each
Best Quality	29/-	30/-	31/-	32/-	33/-	36/- ,,



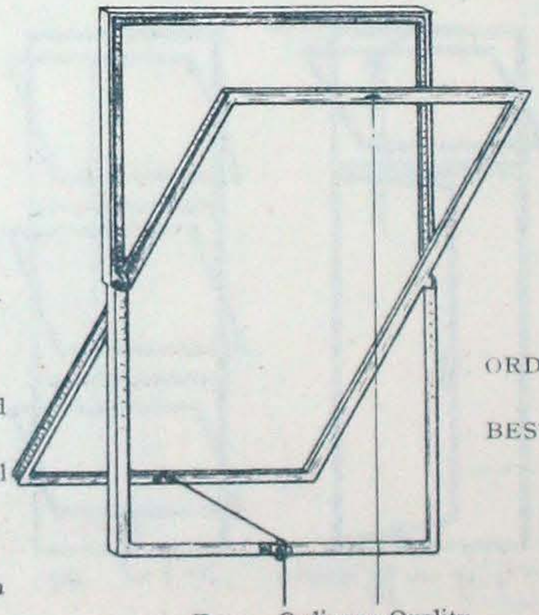


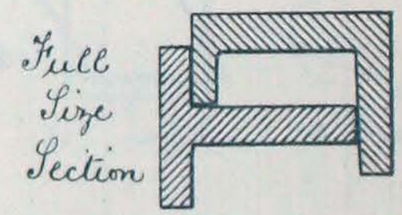
ORDINARY QUALITY fitted with Iron Pivots, fixed Quadrant Stops, and Pulleys and Eyes for Cords.

BEST QUALITY with Planed Meeting Edges, Gun Metal Pivots, Falling Quadrant Stops, and Brass Pulleys and Eyes for Cords.

Prices up to 24 inches wide.

	18	24	30	36 inches high
F 91.—Ordinary Quality	17/6	18/3	19/-	19/9 each
Best Quality	24/-	25/-	26/3	27/6 ,,





ORDINARY QUALITY fitted with Iron Pivots and Pulleys and Eyes for Cords.

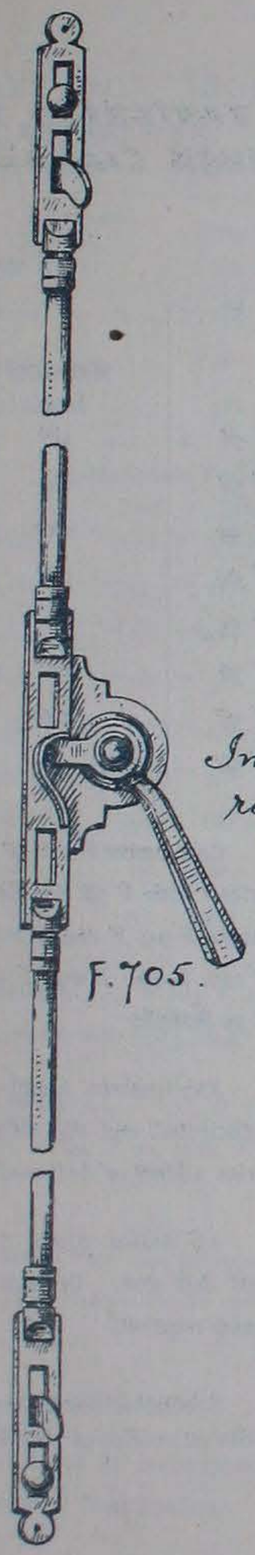
BEST QUALITY with Planed Meeting Edges, Gun Metal Pivots, and Brass Pulleys and Eyes for Cords.

Prices up to 24 inches wide.

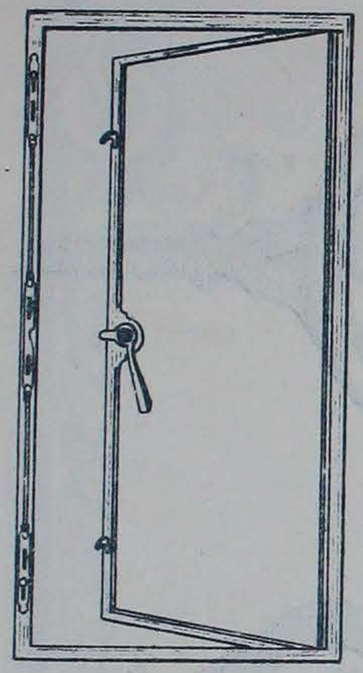
	24	30	36	42	48 inches high
F 92.—Ordinary Quality	17/6	18/3	19/-	19/9	20/6 each
Best Quality...	24/-	25/-	26/3	27/9	29/3 ,,

For details required with Orders see foot note, page 237.

Special prices for large quantities and other sizes on receipt of specification.

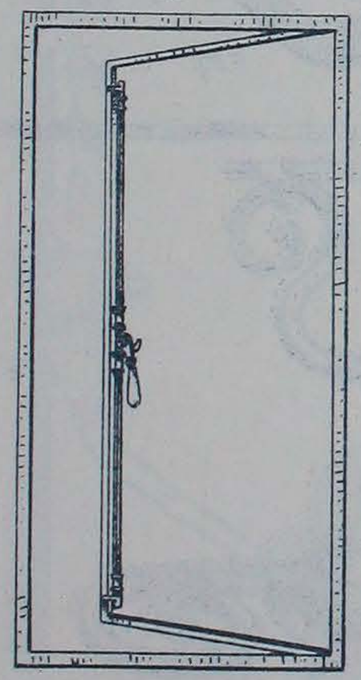


F. 705.

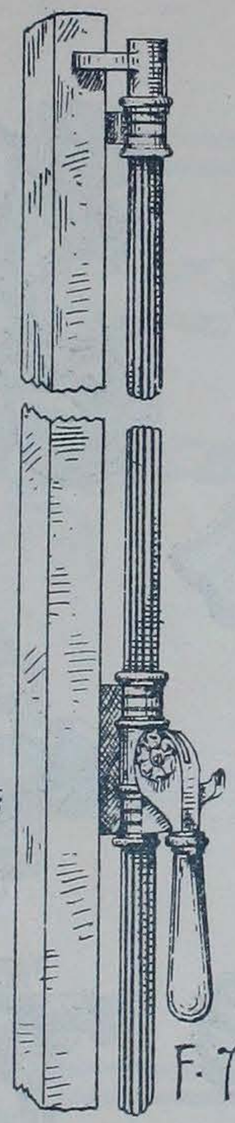


F. 705.

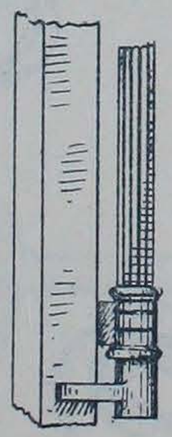
Improved Brass or Bronzed Fasteners recommended for Side Hung Casements 5 feet high and upwards. 16/6 each extra for either F 705 or F 706.

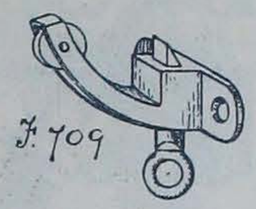


F. 706.



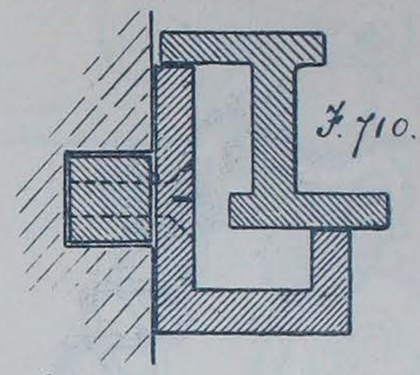
F. 706.





F. 709

Brass Spring Catch to work with Cord or Rod for Swing Casements or Casements opening at Top. 2/3 each extra

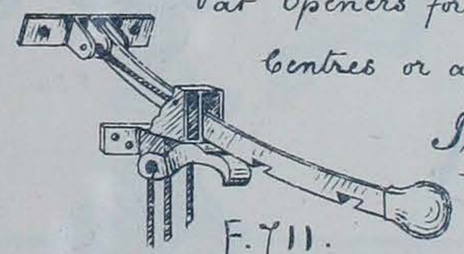


F. 710.

Loose Fixing Rebates to fit in Grooves at sides of Casements.

Extra per Casement.

24"	36"	48"	60" high
2/-	2/6	3/-	4/- each.



F. 711.

Pat Openers for Casements hung on centres or at Top or Bottom.

Iron. 16" 2/- 18" 2/3 each
Brass " 7/- " 8/6 "
extra to Casement.

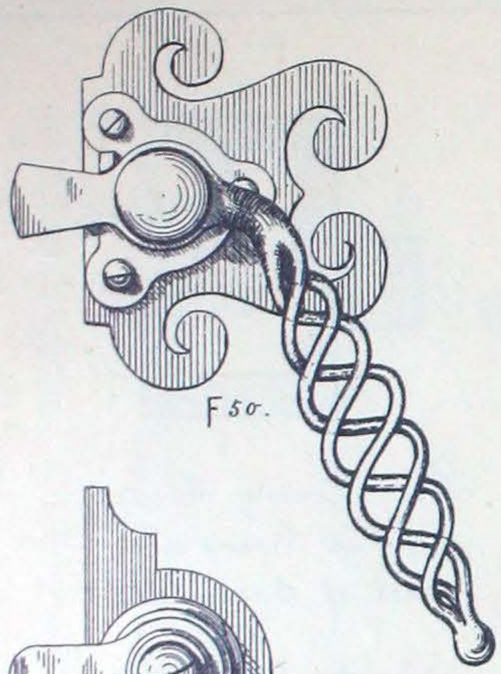
Extras on Casements.

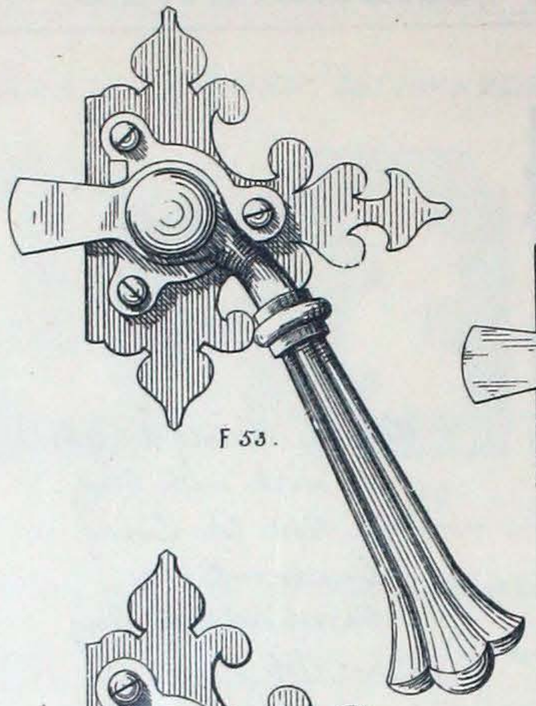
Glazing Bars in Casements for Sheet Glass 1/2 each.
Tie Bars in do for Leaded Lights 10 "
Glazing Rebates fixed to Frames of Casements to take Glass above or below 9 each.
Moulded Glazing Bars to fix in Stone Jambs 18" long. 1¼" section 7 each. 1½" section 8 each.

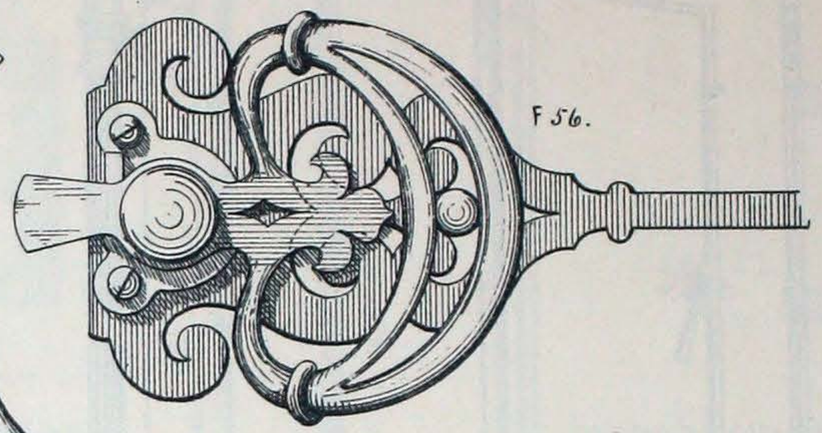
Brass & Gun Metal Fasteners & Stays see pages 240. 241.

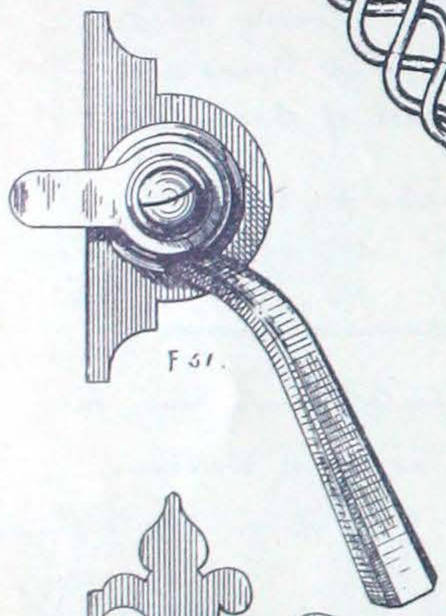
For Simultaneous Opening Gear see pages 248 and 249.

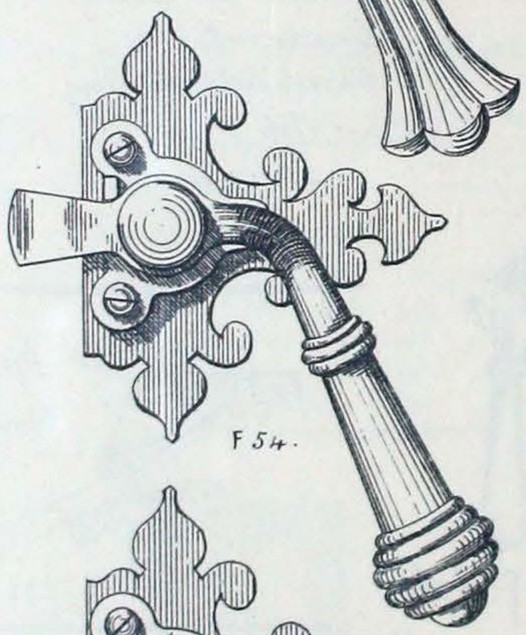
CASEMENT FASTENERS.

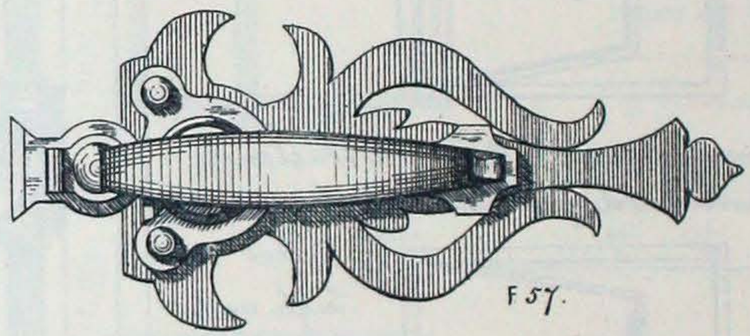

F 50.

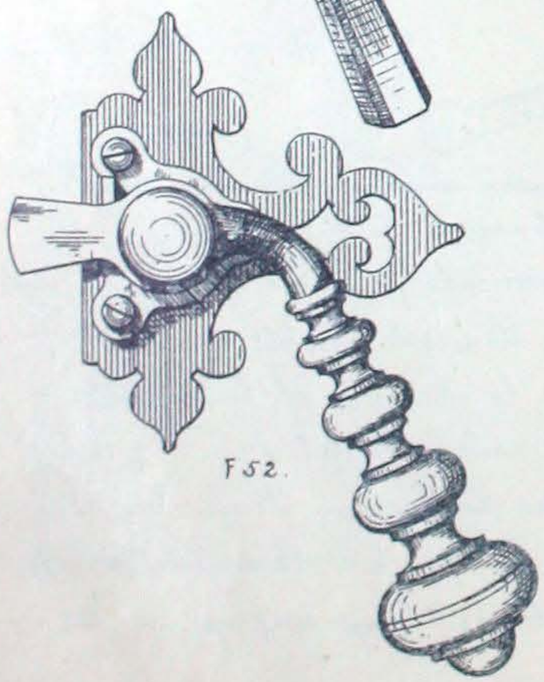

F 53.

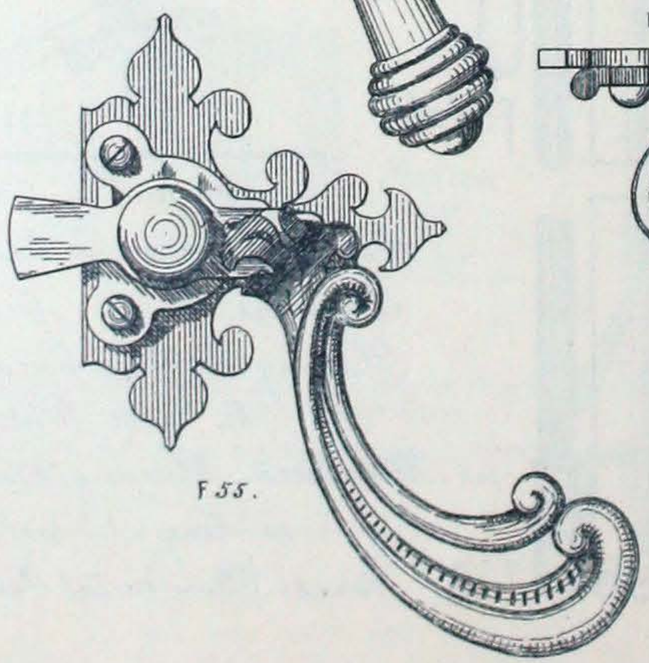

F 56.

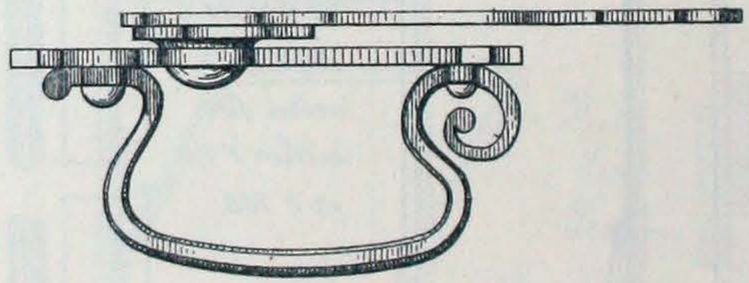

F 51.

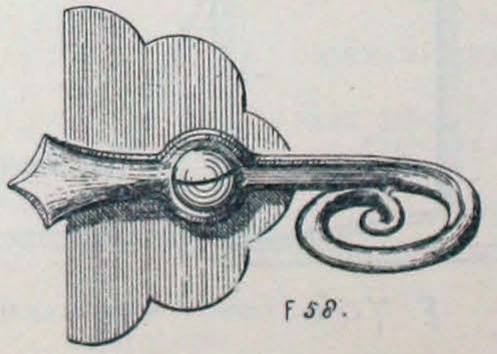

F 54.


F 57.


F 52.


F 55.




F 58.

FASTENERS FOR IRON CASEMENTS.

	Wrot Iron
F 50	3/6 each

	Malleable Iron.	Polished Brass.
F 51	1/8	3/- each
F 52	2/9	6/6 ,,
F 53	2/9	7/8 ,,
F 54	2/6	6/- ,,
F 55	3/-	8/6 ,,
F 56	6/-	11/- ,,
F 57	2/6	6/- ,,
F 58	9d.	2/- ,,

Casements F 102, F 103, are priced with F 58 Handle. Casements F 94, F 104, F 105, F 110, F 117, F 88, F 89, F 90, with F 51 Handle.

Any pattern handle can be substituted and the difference in price added or deducted.

All drawn Right Hand and half full size. In ordering say hand required.

Special prices for large quantities on receipt of specification.

CASEMENT STAYS.

STAYS FOR IRON CASEMENTS.

		Wrot Iron
F 64	... ...	2/9 each
F 66.—10-in.	... ...	2/6 ,,
12-in.	... ...	3/- ,,
14-in.	... ...	3/6 ,,

	Malleable Iron	Polished Brass
F 65.—7½-in. ...	10d.	1/8 each
11-in. ...	1/-	1/11 ,,
14-in. ...	1/2	2/3 ,,
F 67.—10-in ...	1/6	3/6 ,,
12-in. ...	1/10	4/2 ,,
F 68.—10-in ...	2/-	5/6 ,,
12-in. ...	2/6	6/2 ,,
F 69.—12-in. ...	1/8	6/- ,,
16-in ...	2/3	7/- ,,

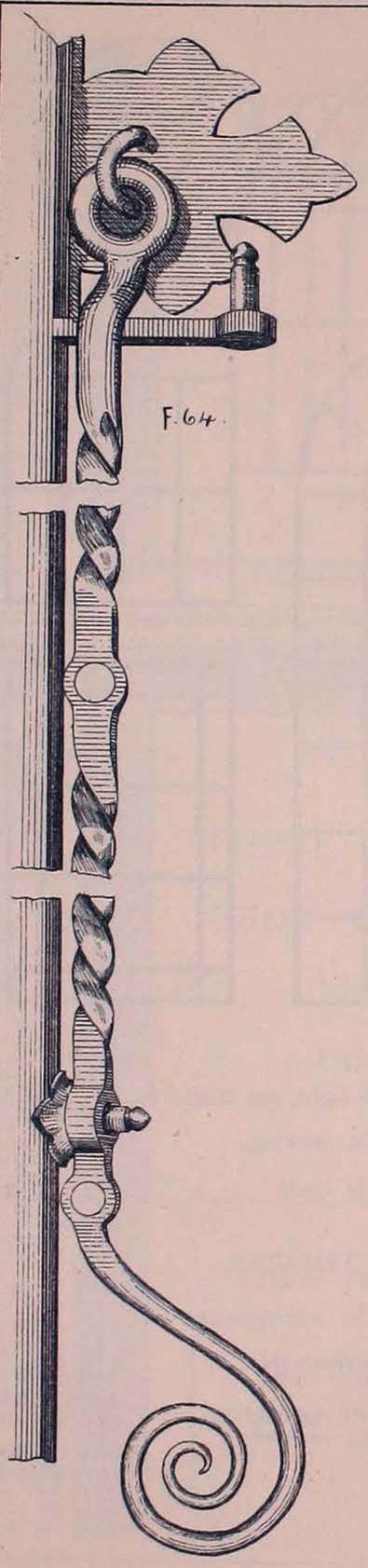
Casements F 102, F 103, F 109, F 110, are priced with F 65 Stay.

Casements F 94, F 104, F 105, F 117, F 88, F 89, F 90, with F 67 Stay.

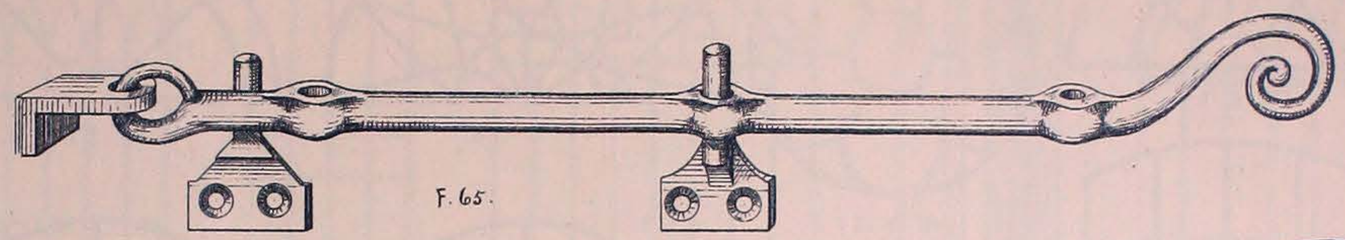
Any pattern Stay can be substituted, and the difference in price added or deducted.

Drawn half full size.

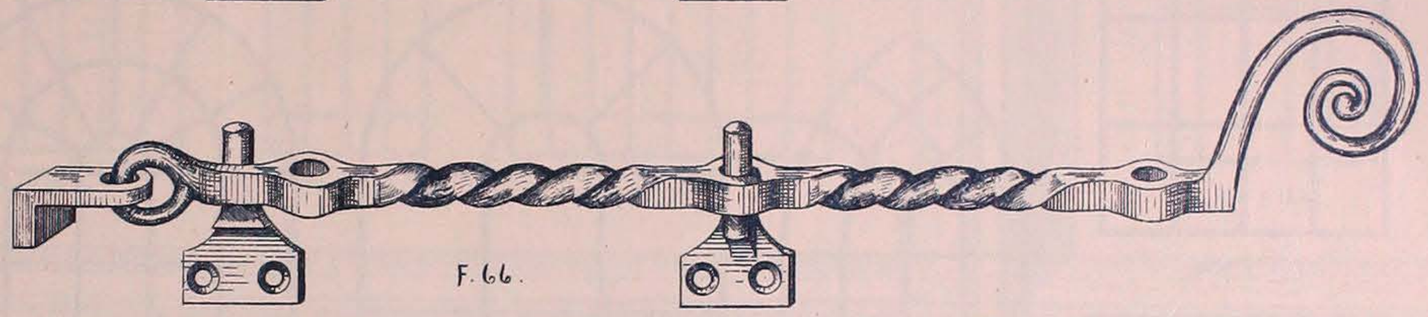
Special Prices for large quantities on receipt of Specification.



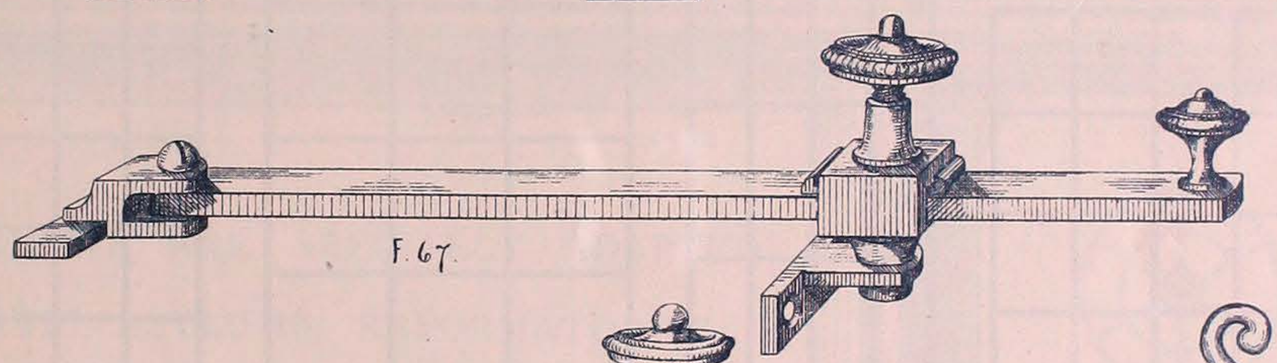
F. 64.



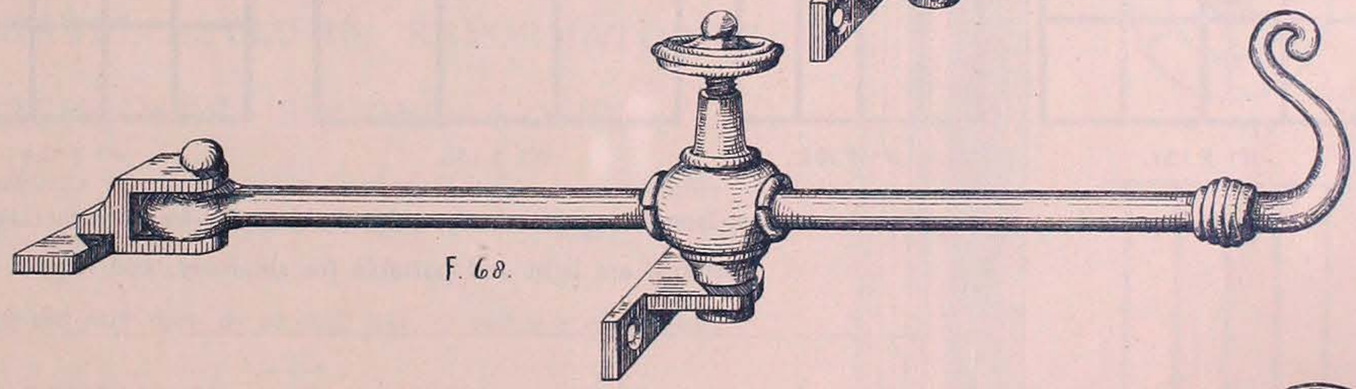
F. 65.



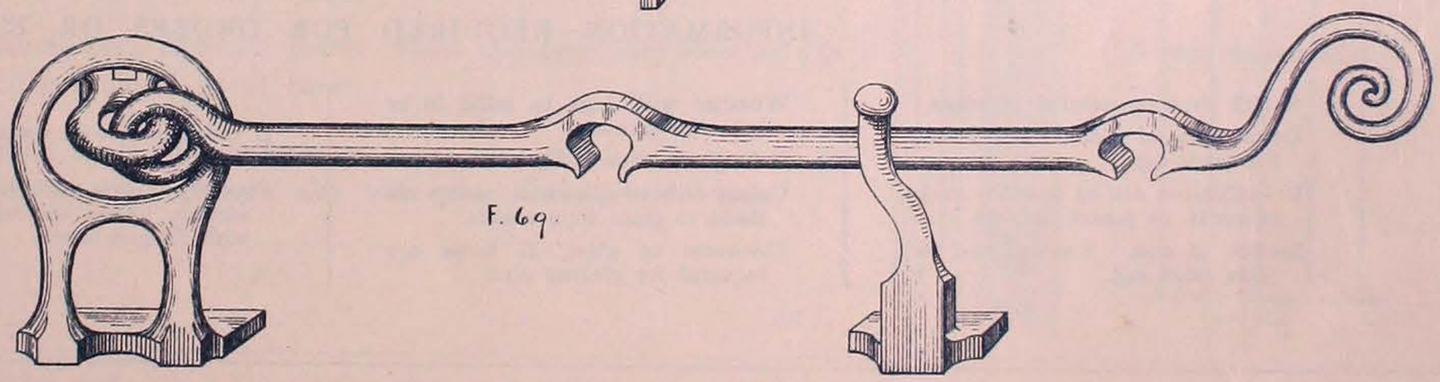
F. 66.



F. 67.

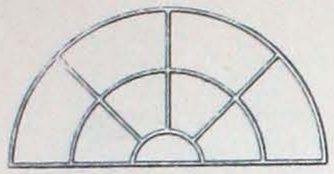


F. 68.

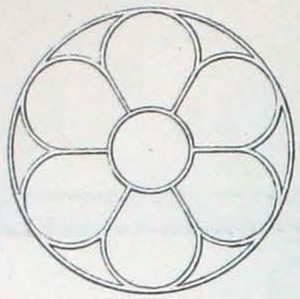


F. 69.

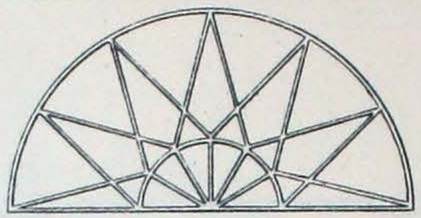
IMPROVED WROT IRON MITRE JOINT SASHES.



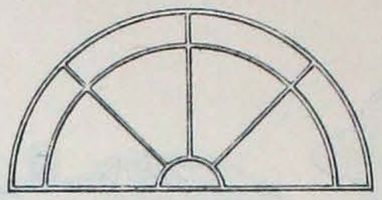
№ F 124.



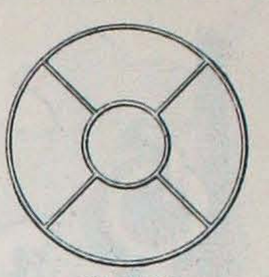
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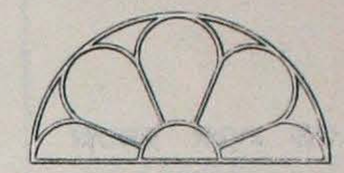
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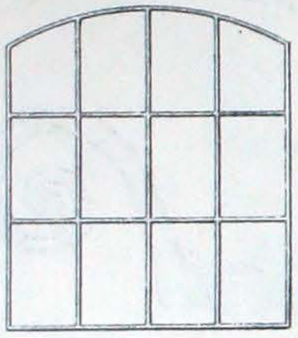
№ F 126



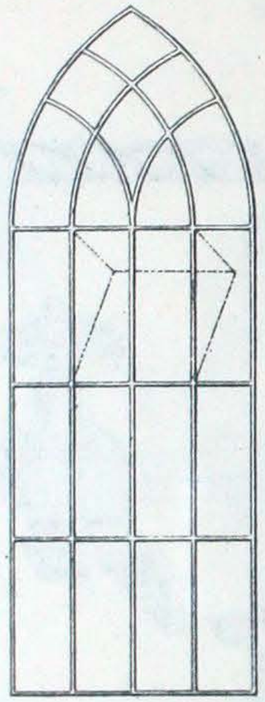
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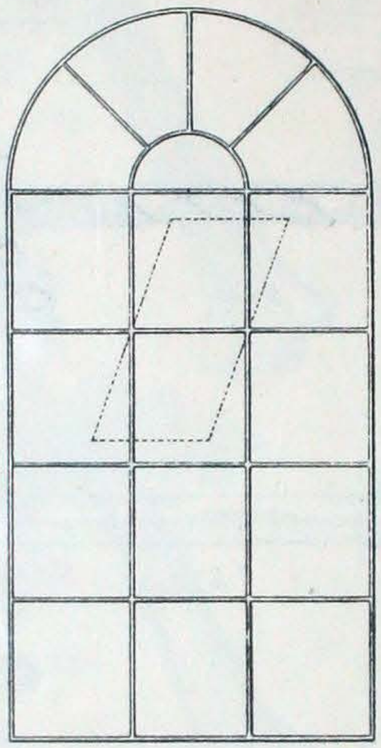
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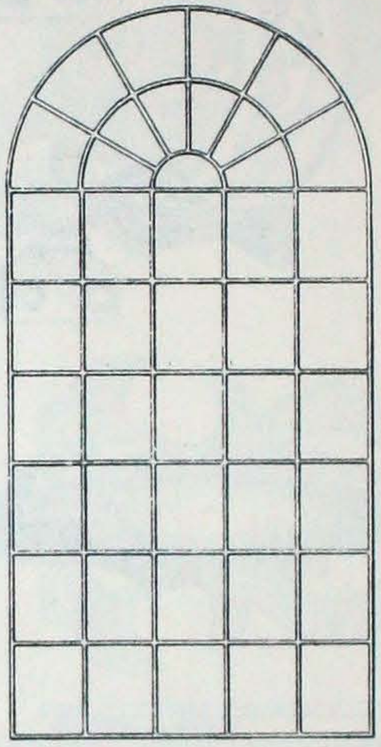
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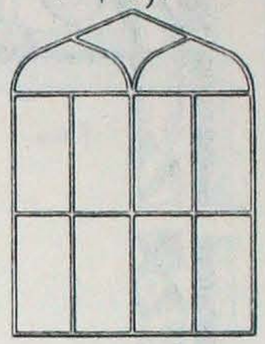
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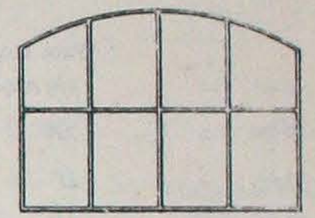
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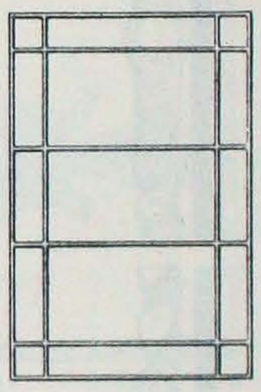
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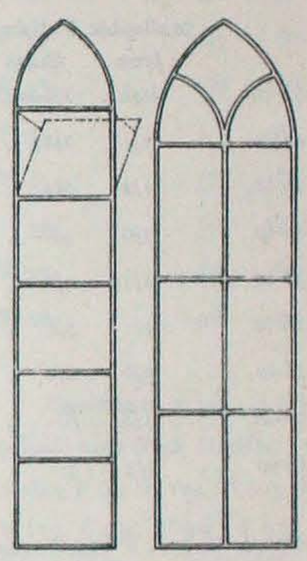
№ F 136.



№ F 135.

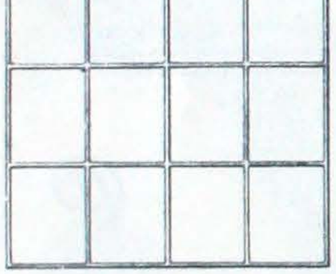


№ F 137.



№ F 138.

№ F 139.



№ F 131.

These Sashes are in every way superior to Cast Iron, being practically unbreakable, offer less obstruction to light, are made to any size or shape without cost of patterns, are light and portable for shipment, and require little packing.

INFORMATION REQUIRED FOR ORDERS OR ESTIMATES.

Sketch showing number of panes.

Description of Ventilators, if any. See page 237.

If ventilators are to open by racks, or cords, or patent openers.

Section of iron. See full-size sections, page 245.

Whether with lugs to build in or holes for screws.

If to glaze from inside or outside.

Unless ordered otherwise, sashes are made to glaze from *outside*.

Thickness of glass, if holes are required for glazing pins

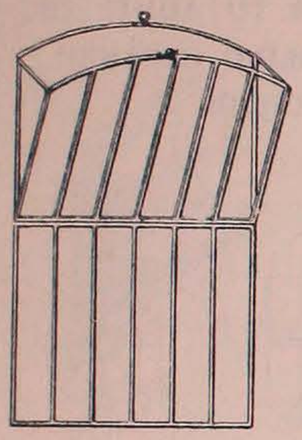
If ventilators to be made removable. See page 244.

Frames of sashes made with ordinary section, unless specially ordered, with flanged frame.

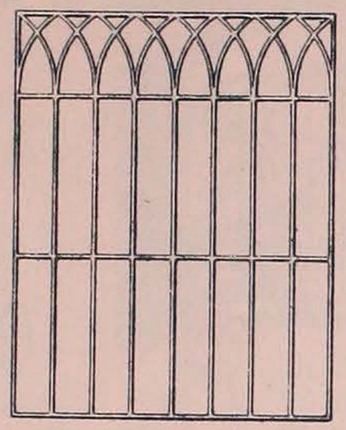
Prices vary from 6d. to 2/6 per foot super, according to quantities, sizes, number of panes, section of iron and design.

Exact estimates sent on receipt of requirements.

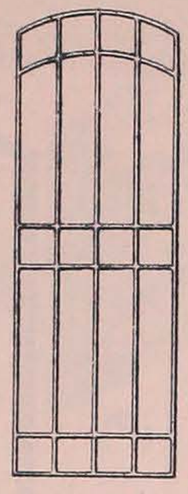
WROT IRON MITRE JOINT GUARD BAR SASHES.



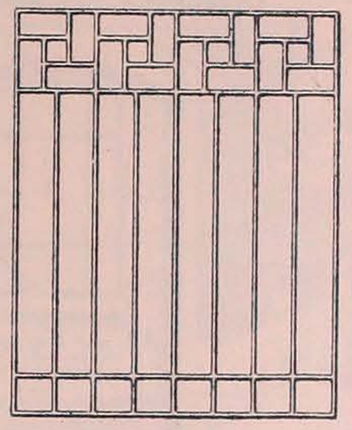
№ F 140



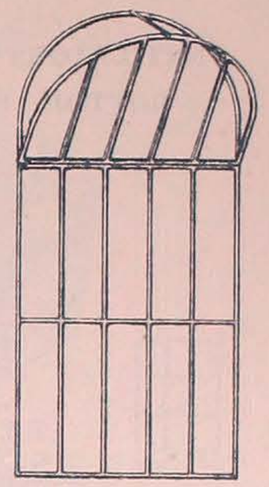
№ F 141.



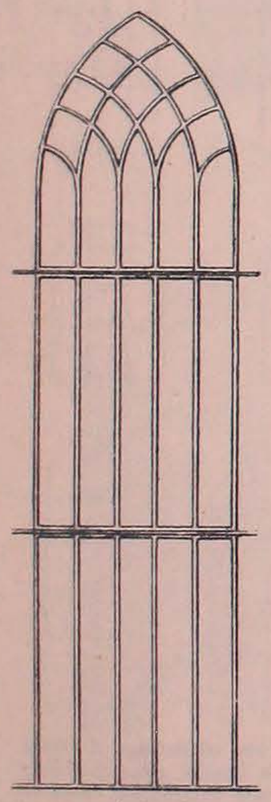
№ F 142.



№ F 143.



№ F 144.



№ F 145.

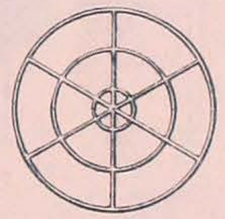
THESE WINDOWS ARE SPECIALLY ADAPTED FOR LUNATIC ASYLUMS, REFORMATORIES, WAREHOUSES, BONDED STORES,

And all buildings where security is desired with the least possible obstruction to light.

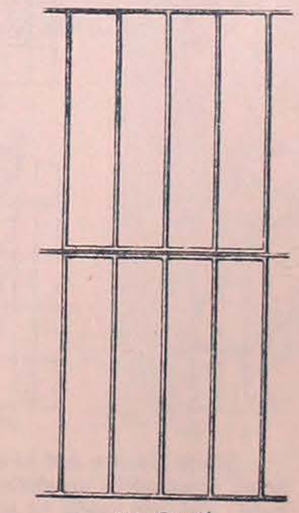
Made of moulded sash iron, as on page 245, to suit size of windows.

These Sashes form effectual guards whilst avoiding the objectionable appearance of the ordinary guard bars.

They can be made to any form or design, and fitted with opening or ventilating parts, as on page 237, also with guarded hoppers to same.



№ F 146

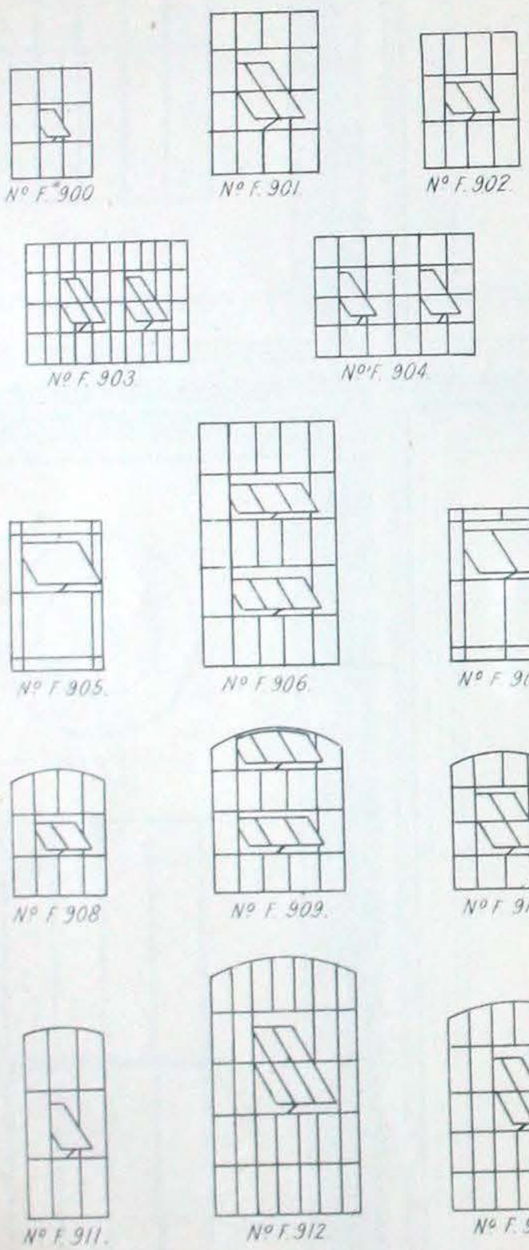


№ F 147.

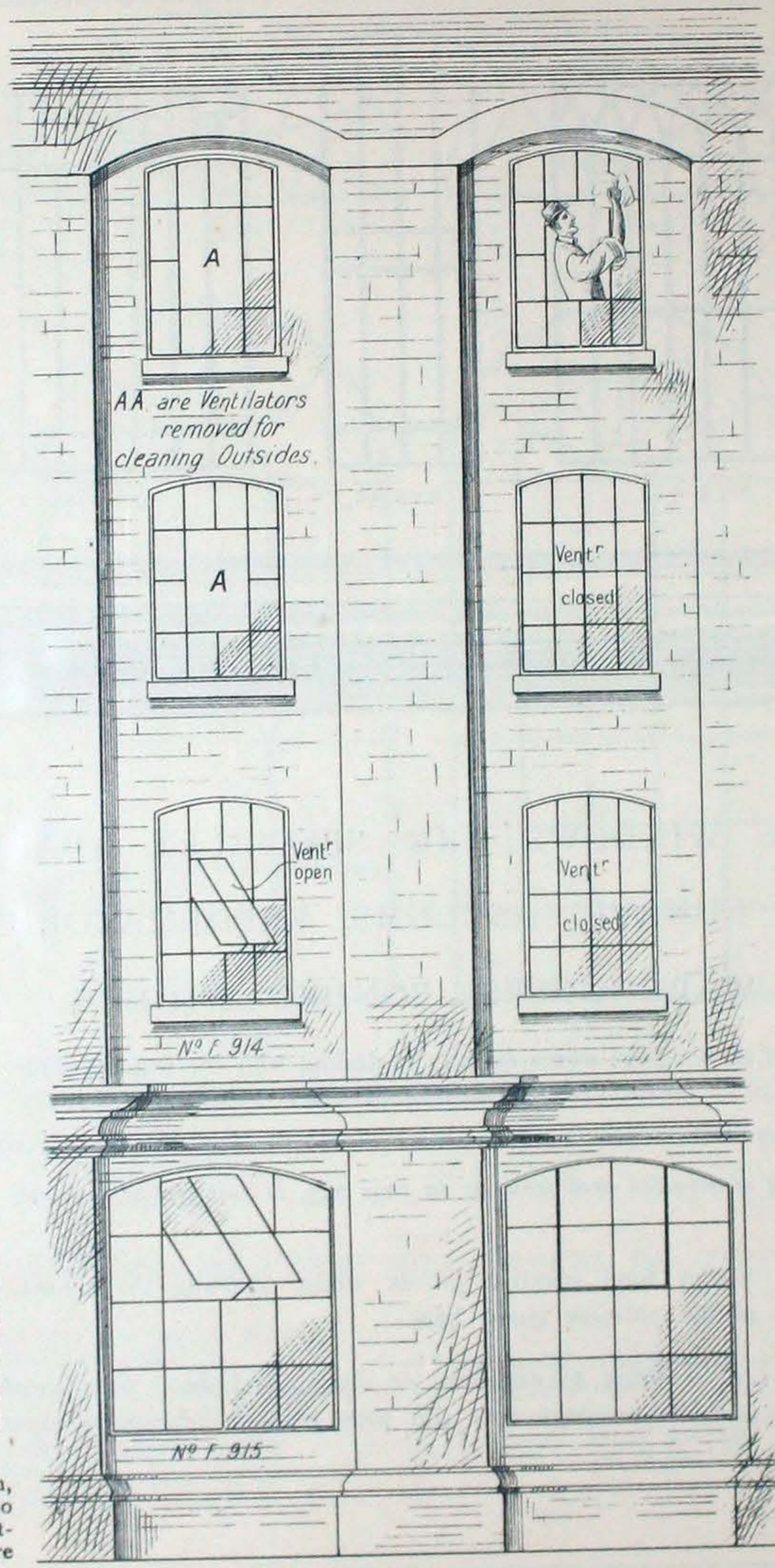
Prices vary from 1/- to 2/6 per super foot. *Exact prices given on receipt of size, pattern, number of panes, etc.*

Improved Wrought Iron Mitre Joint Sashes with Removable Ventilators.

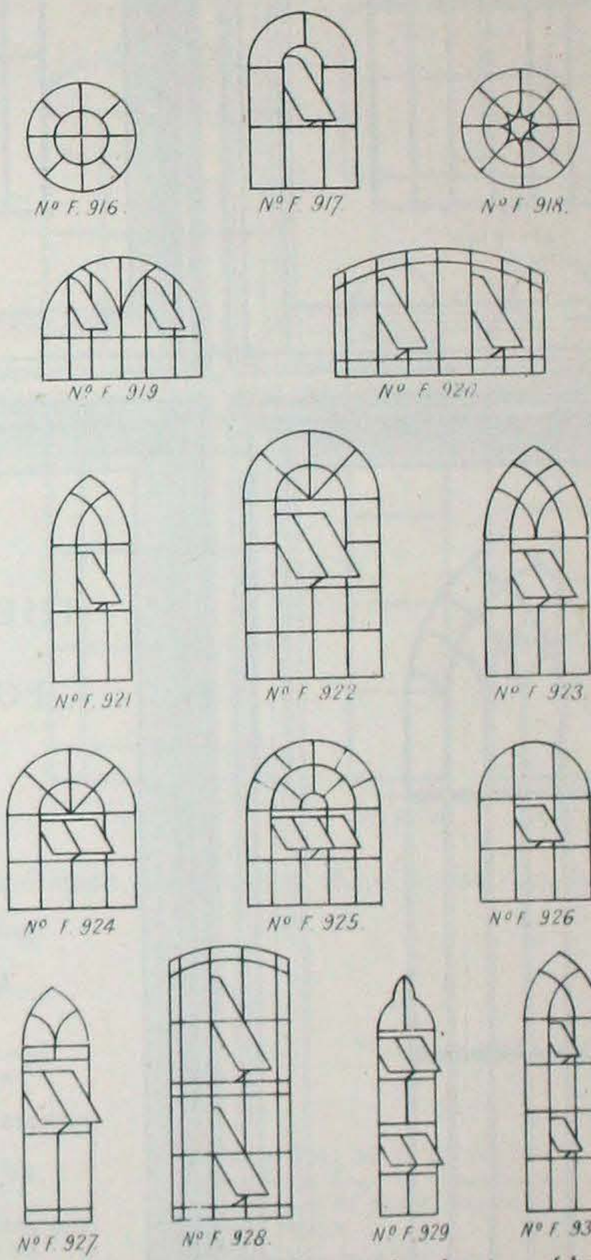
VENTILATORS HUNG AT TOP, BOTTOM OR CENTRES.



These Sashes are in every way superior to cast iron, being practically unbreakable, offer less obstruction to light, and are made to any design without cost of patterns; are light and portable for shipment, and require little packing.



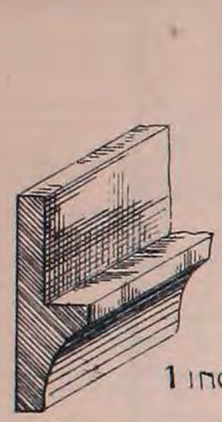
ARRANGED SO AS TO ADMIT OF THE WINDOW BEING CLEANED FROM INSIDE.



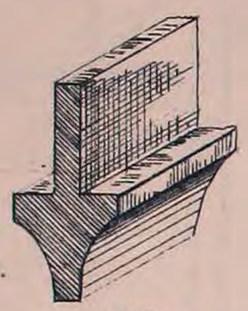
Special attention is drawn to the advantage of being able to clean the sashes from the inside, thus avoiding the use of ladders. Sashes are not fitted with removable Ventilators unless so specified with enquiries and orders.

For full size sections of Iron see page 245. *Estimates sent on receipt of requirements.*

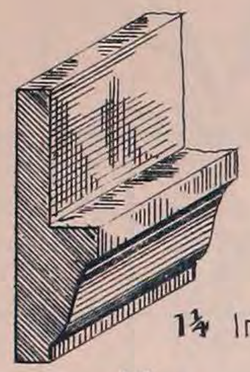
FULL SIZE SECTIONS OF MOULDED SASH IRON.



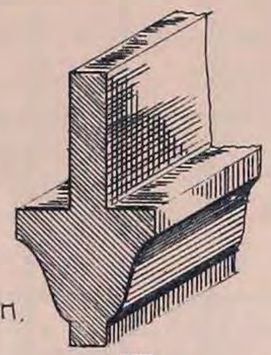
F 13.



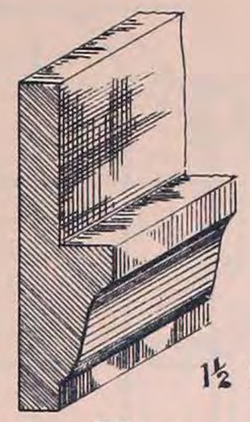
F 12.



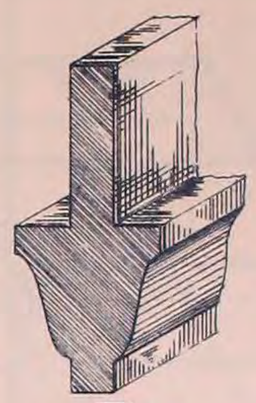
F 15.



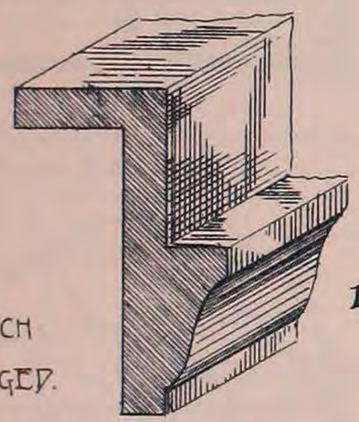
F 14.



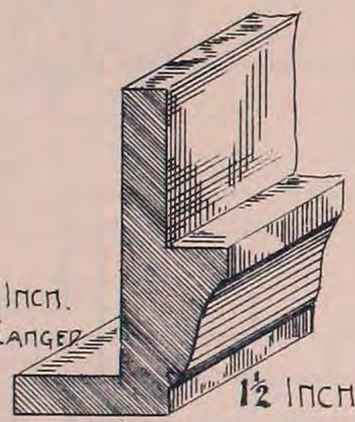
F 26.



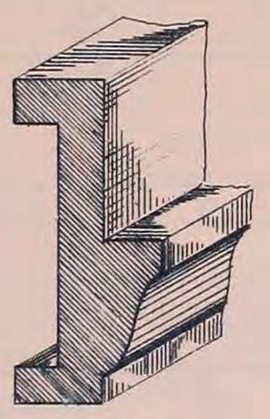
F 25.



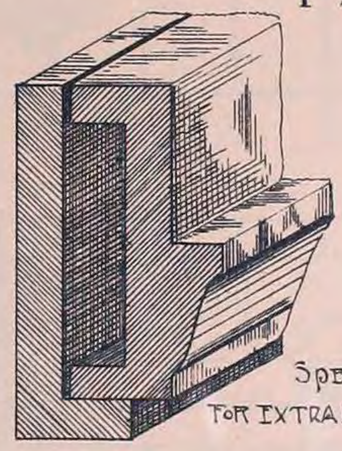
F 30.



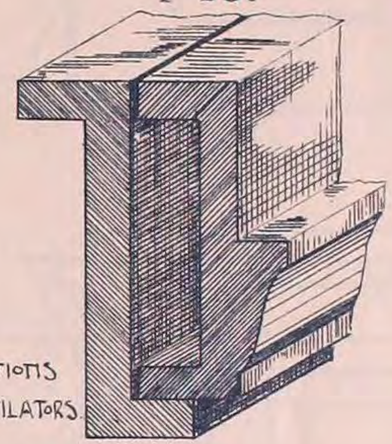
F 31.



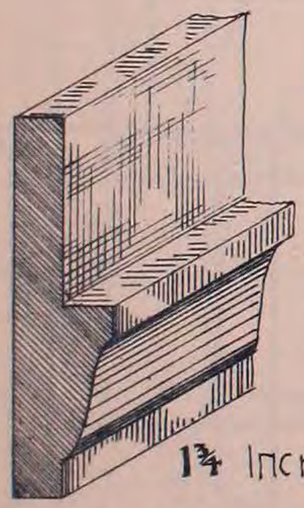
F 32.



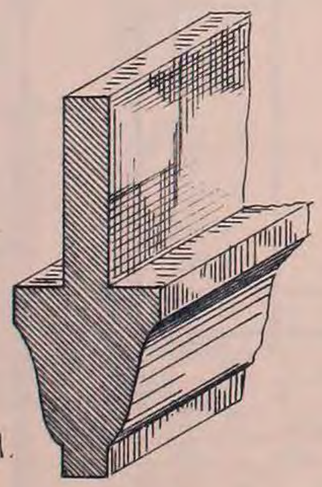
F 33.



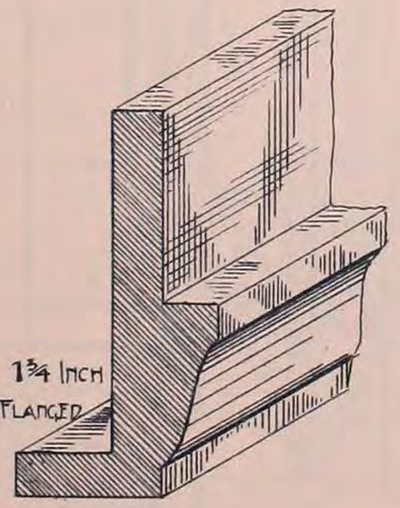
F 34.



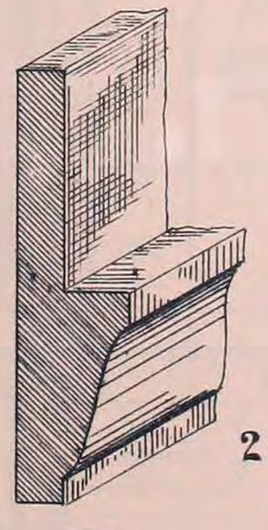
F 28.



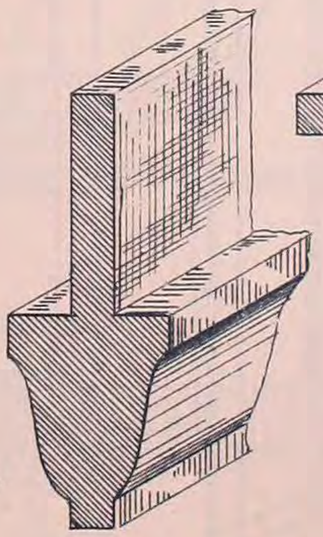
F 27.



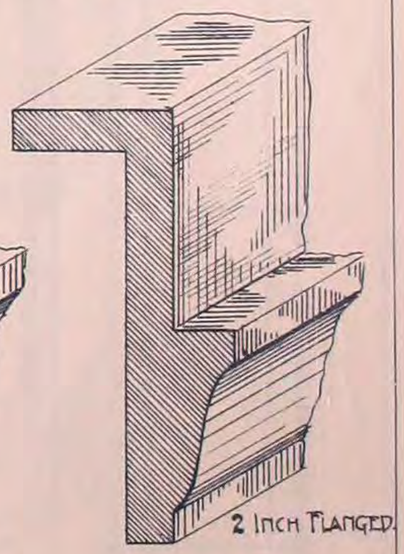
F 29.



F 22.



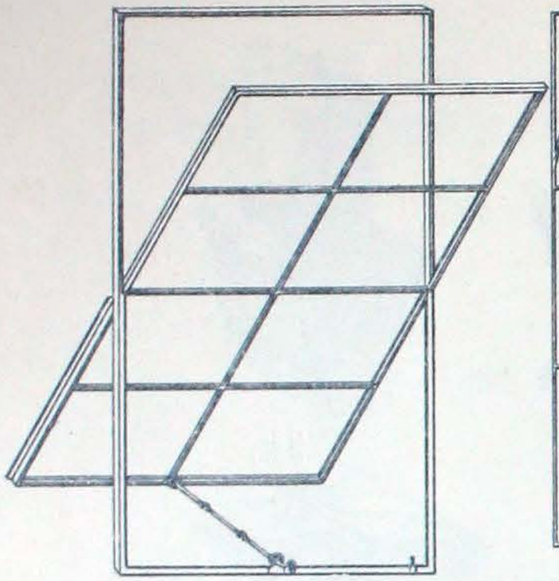
F 23.



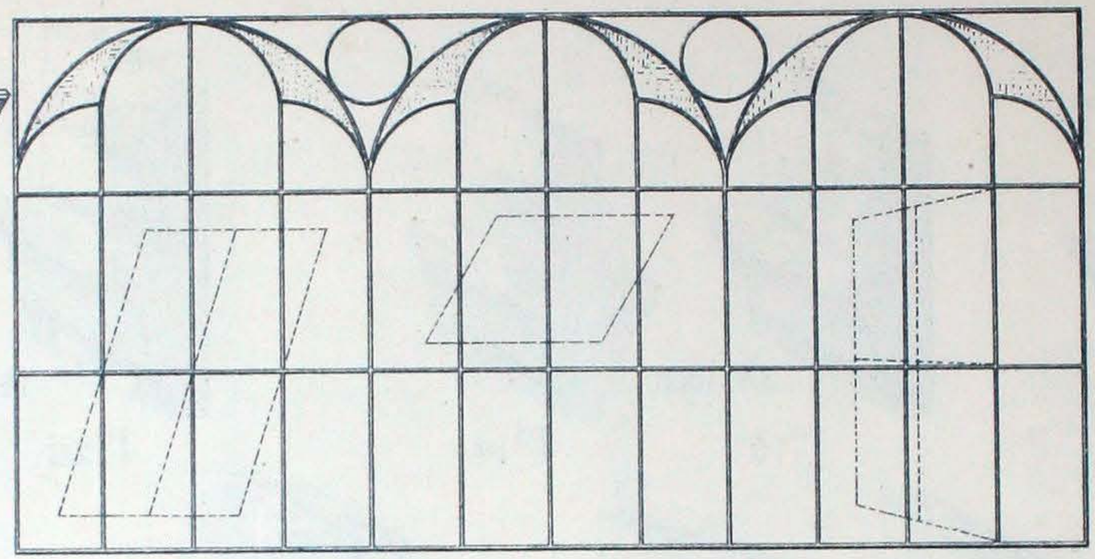
F 24.

The above Sections are kept in Stock. *Special patterns quoted for on receipt of requirements.*

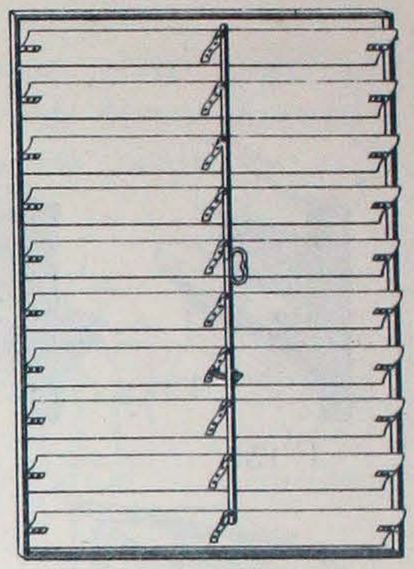
Improved Wrot Iron Mitre Joint Sashes and Ventilators.



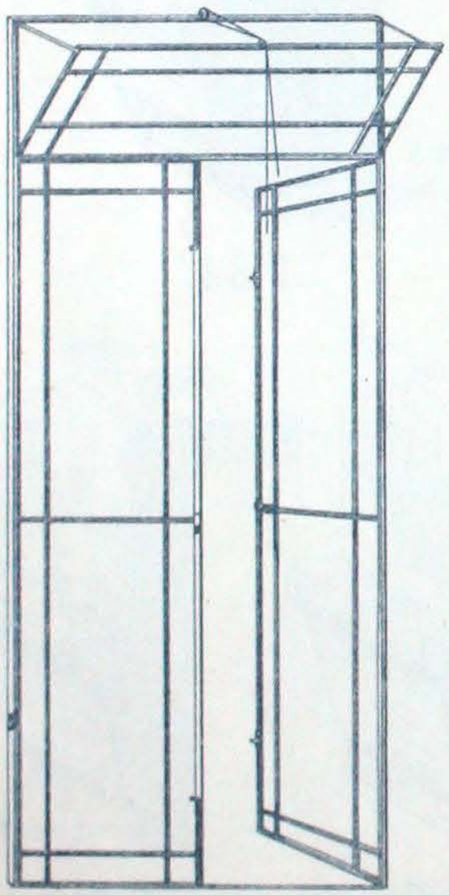
F 163. 34/-.



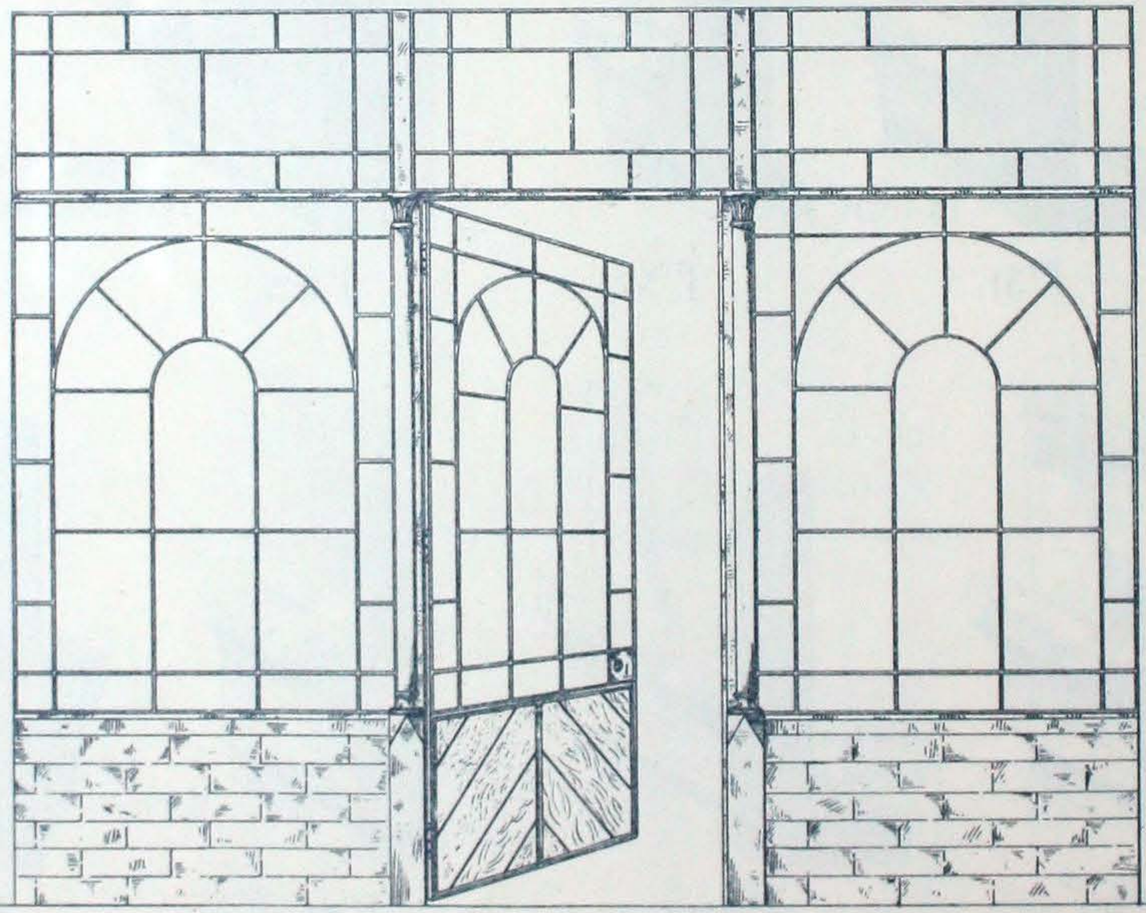
F 164.



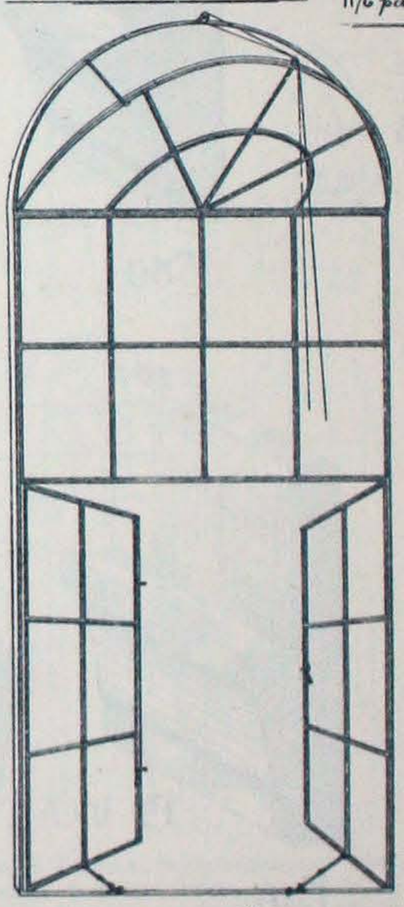
F 165.
Framed Galvd Iron Louvres with Opening Gear 43/-
Opening Gear only with Pivots for Wood Louvres
11/6 per set.



F 166. £7.10.0

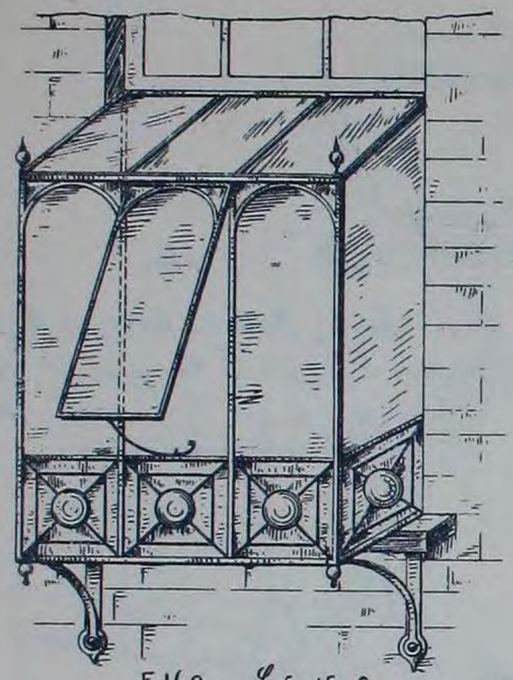


F 168.

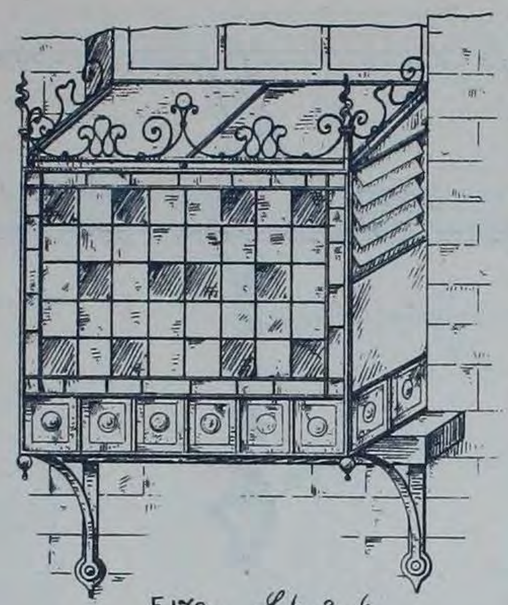


F 167. £4.0.0

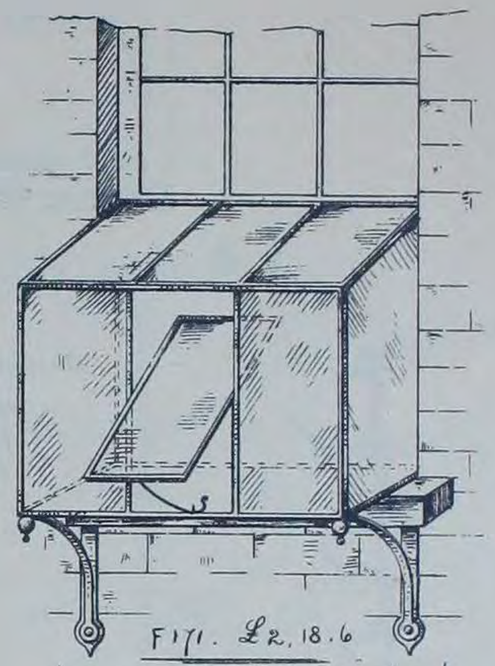
Designs priced are to a scale of ½-in.=1-ft. *Prices of other sizes and designs on receipt of requirements.*



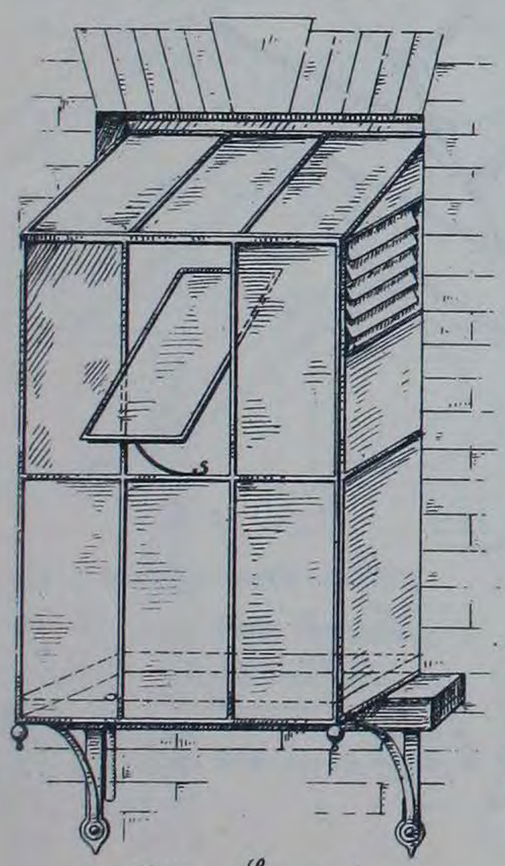
F169. £5.15.0



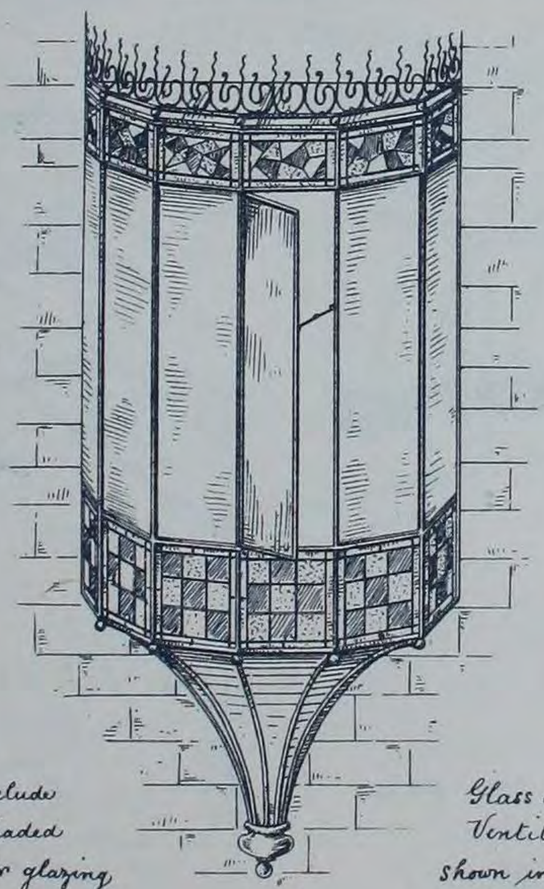
F170. £6.2.6



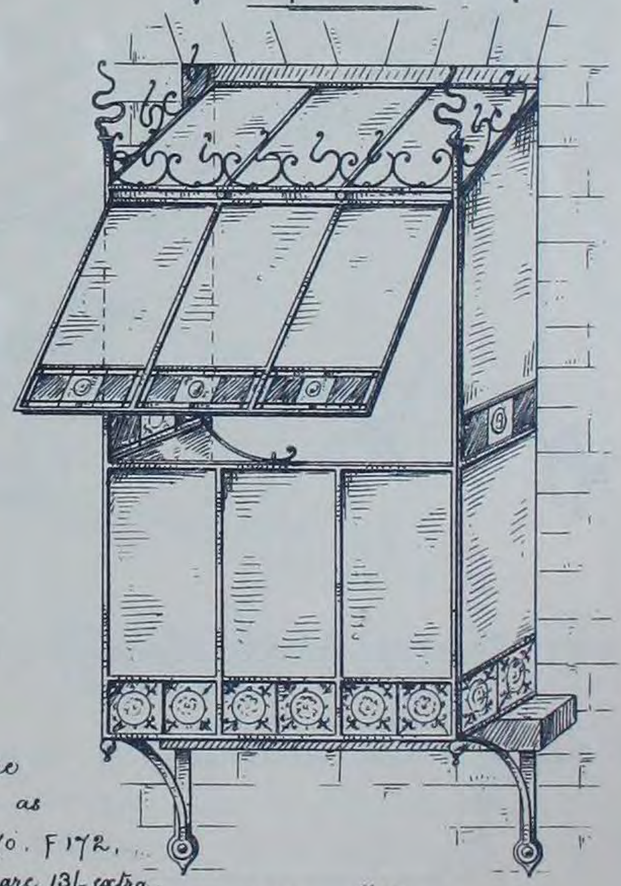
F171. £2.18.6



F172. £4.2.6



F173. £13.10.0



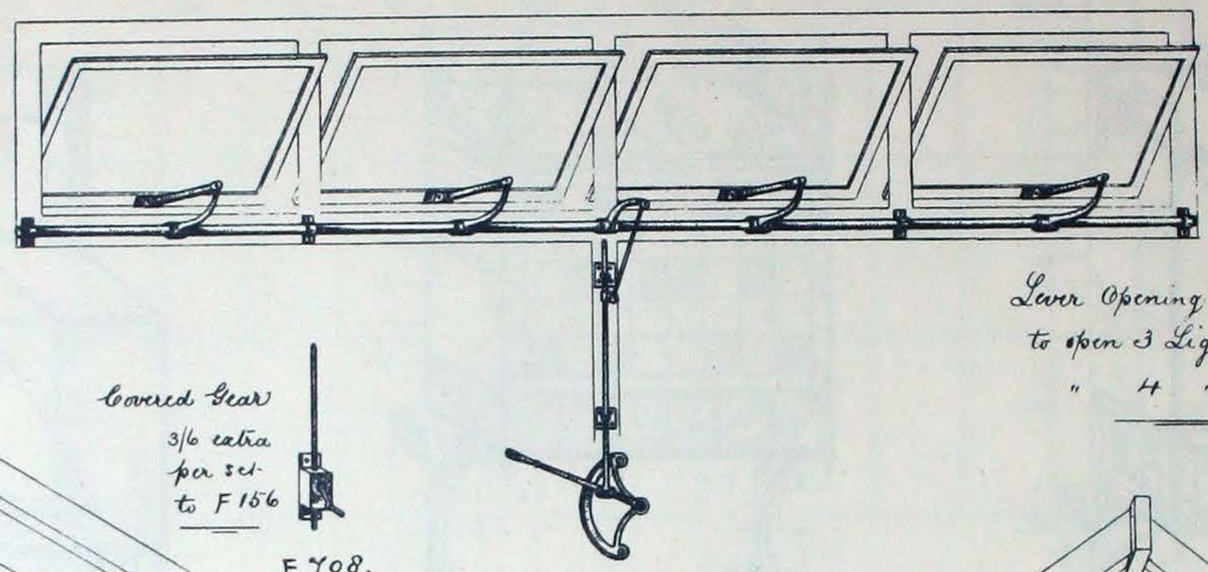
F174. £8.0.0

Prices include Glass & Leaded Panels for glazing as drawn.

Glass Louvre Ventilators as shown in F170. F172. about 1 ft square 13/- extra.

Above prices are to a Scale of ½-in.=1-ft., but can be made to any size.

OPENING GEAR.



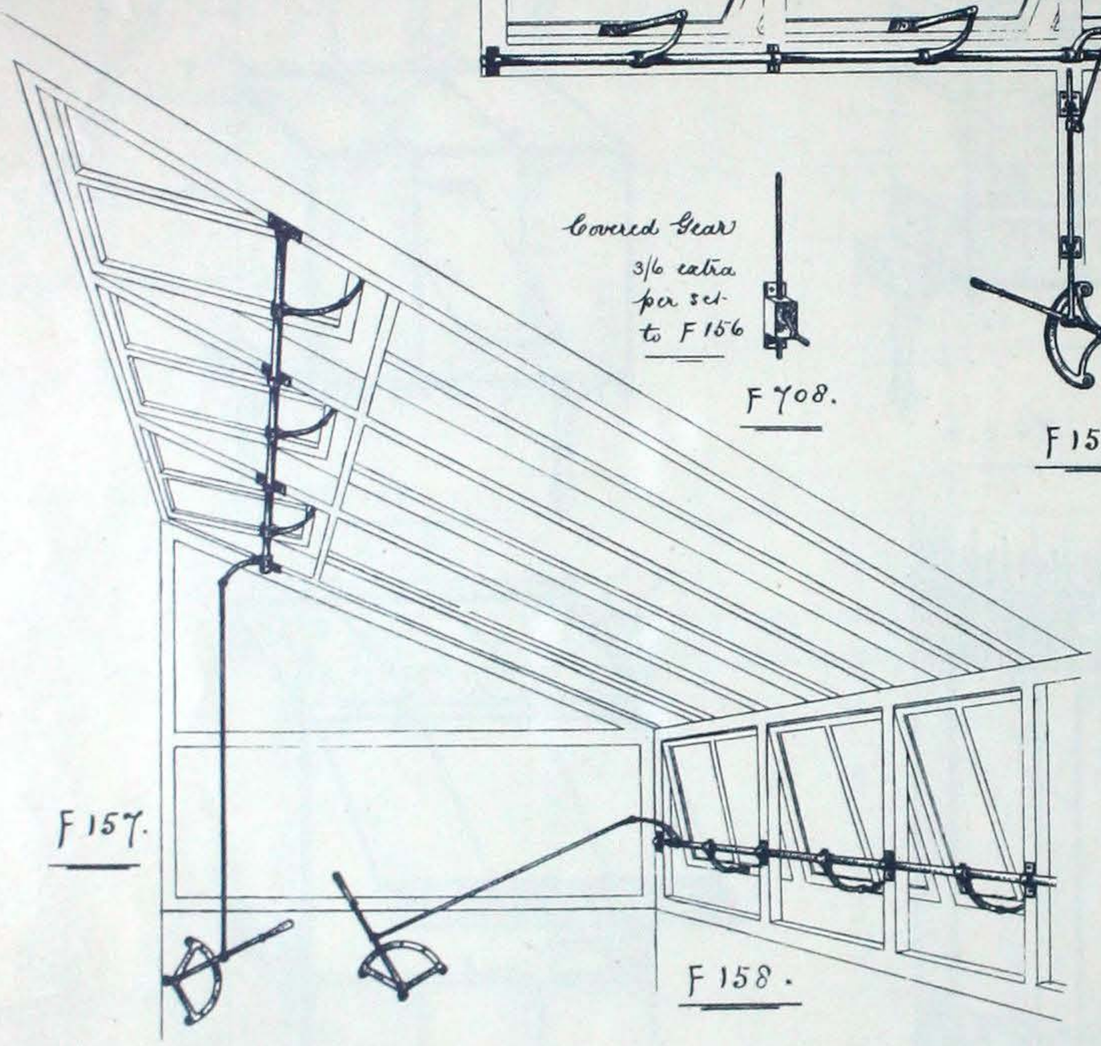
F156.

Lever Opening Gear for Overhead Lights
to open 3 Lights in Range up to 9 feet 22/6
" 4 " " " " 12 " 27/-
per set.

Covered Gear
3/6 extra
per set
to F156

F708.

F156.

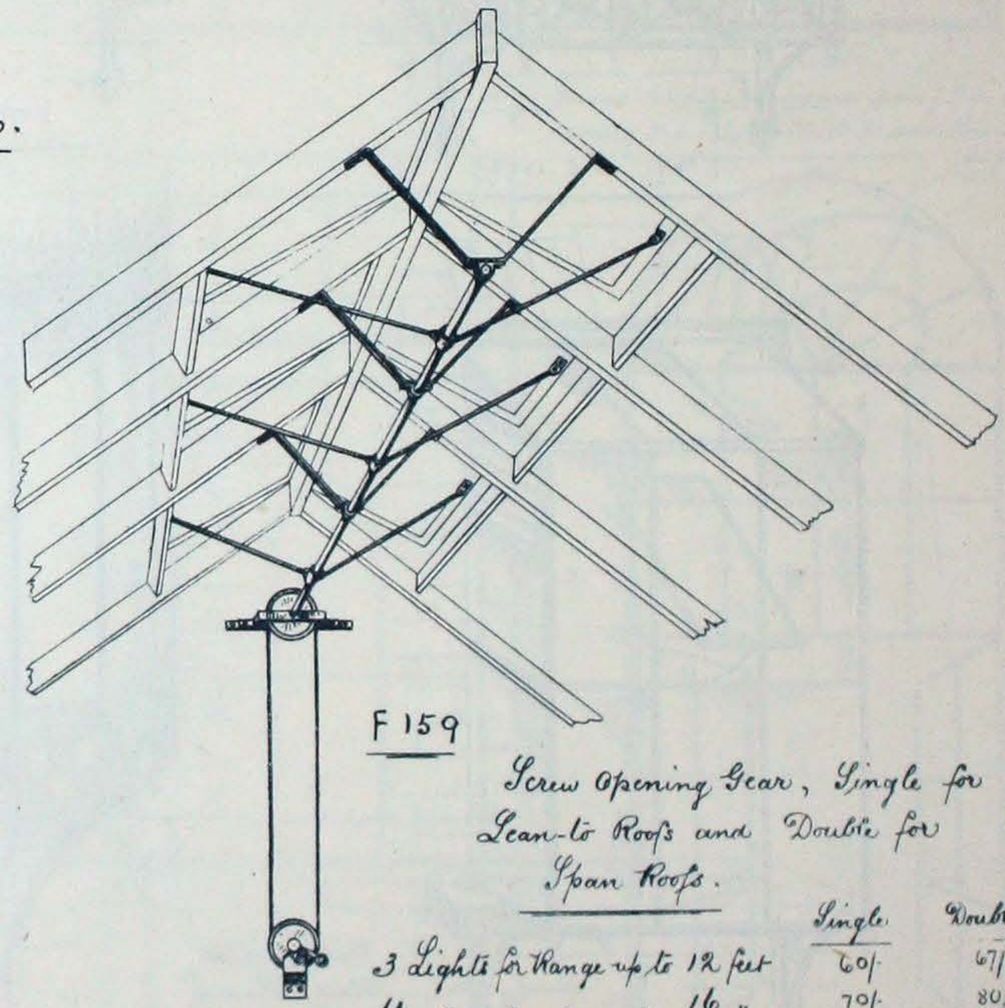


F157.

F158.

Lever Opening Gear for Top Lights F157.
or Front Lights F158.

to open	3 Lights in Range up to	12 feet	24/6 per set.
"	4 " " " "	16 "	29/- "
"	5 " " " "	20 "	34/- "

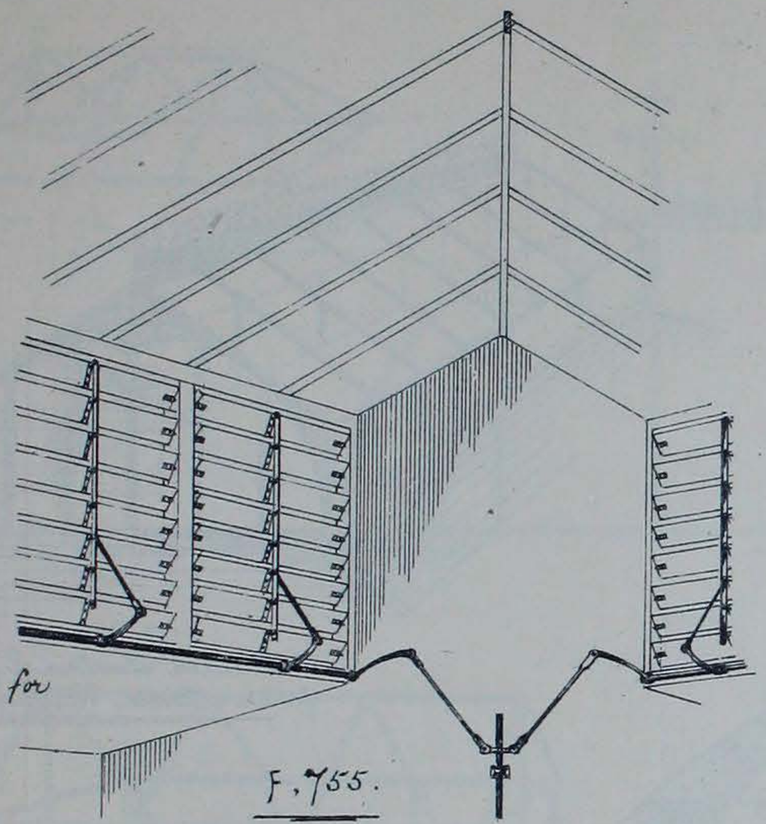


F159

Screw Opening Gear, Single for
Lean-to Roofs and Double for
Span Roofs.

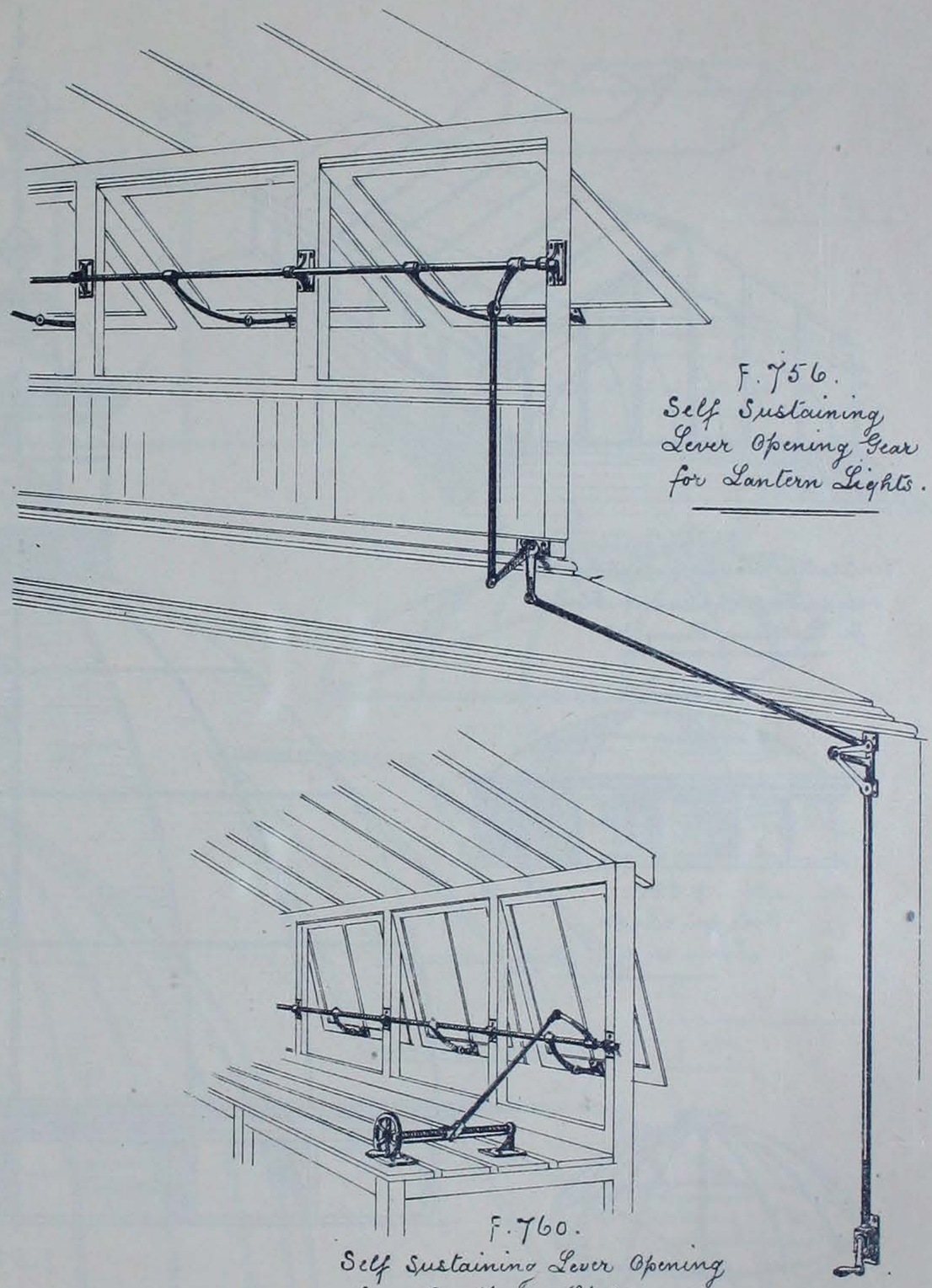
		Single	Double
3 Lights for Range up to	12 feet	60/-	67/-
4 " " " "	16 "	70/-	80/-
5 " " " "	20 "	80/-	93/-
			per set.

Estimates and details of Special Gear for opening Ventilators simultaneously in any position sent on receipt of requirements.

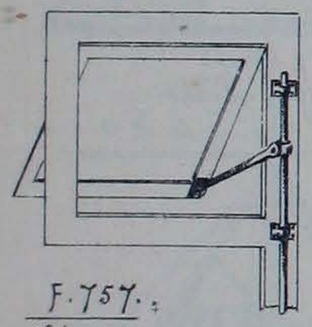


Self Sustaining Opening Gear for Louvres.

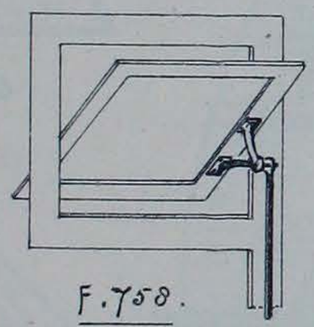
F. 755.



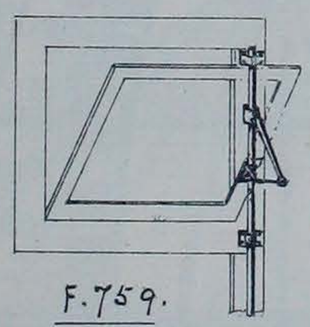
F. 756.
Self Sustaining Lever Opening Gear for Lantern Lights.



F. 757.
For Lights not exceeding 9 feet Super. all Iron 11/6 per set.
Polished Brass Box and Handle 2/- extra.



F. 758.
For Swing Lights.
all Iron 5/- per set.

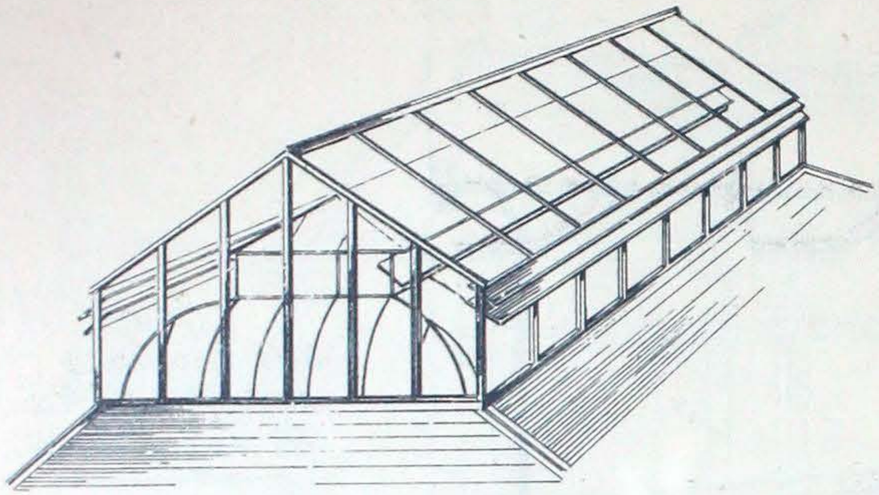


F. 759.
For Lights not exceeding 9 feet Super.
all Iron 11/6 per set
Polished Brass Box and Handle 2/- extra.

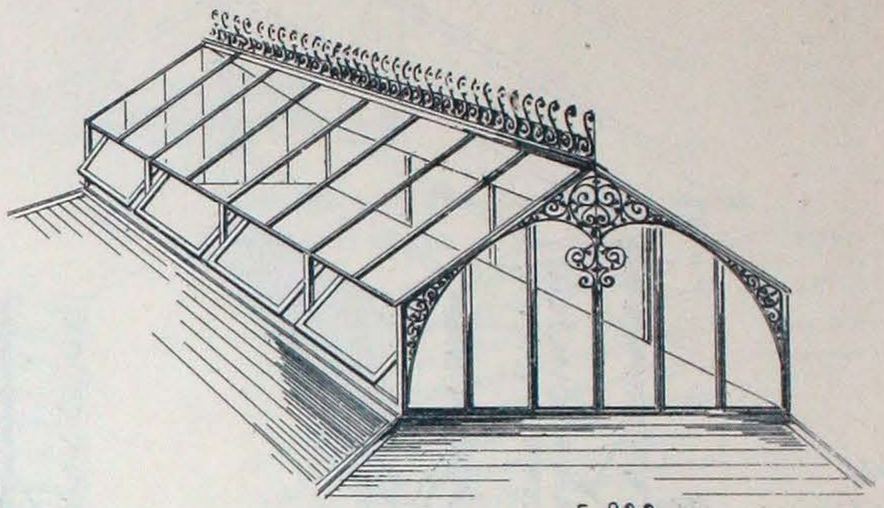
Above prices are with Rods not exceeding 6 ft long.

F. 760.
Self Sustaining Lever Opening Gear for Front Lights.

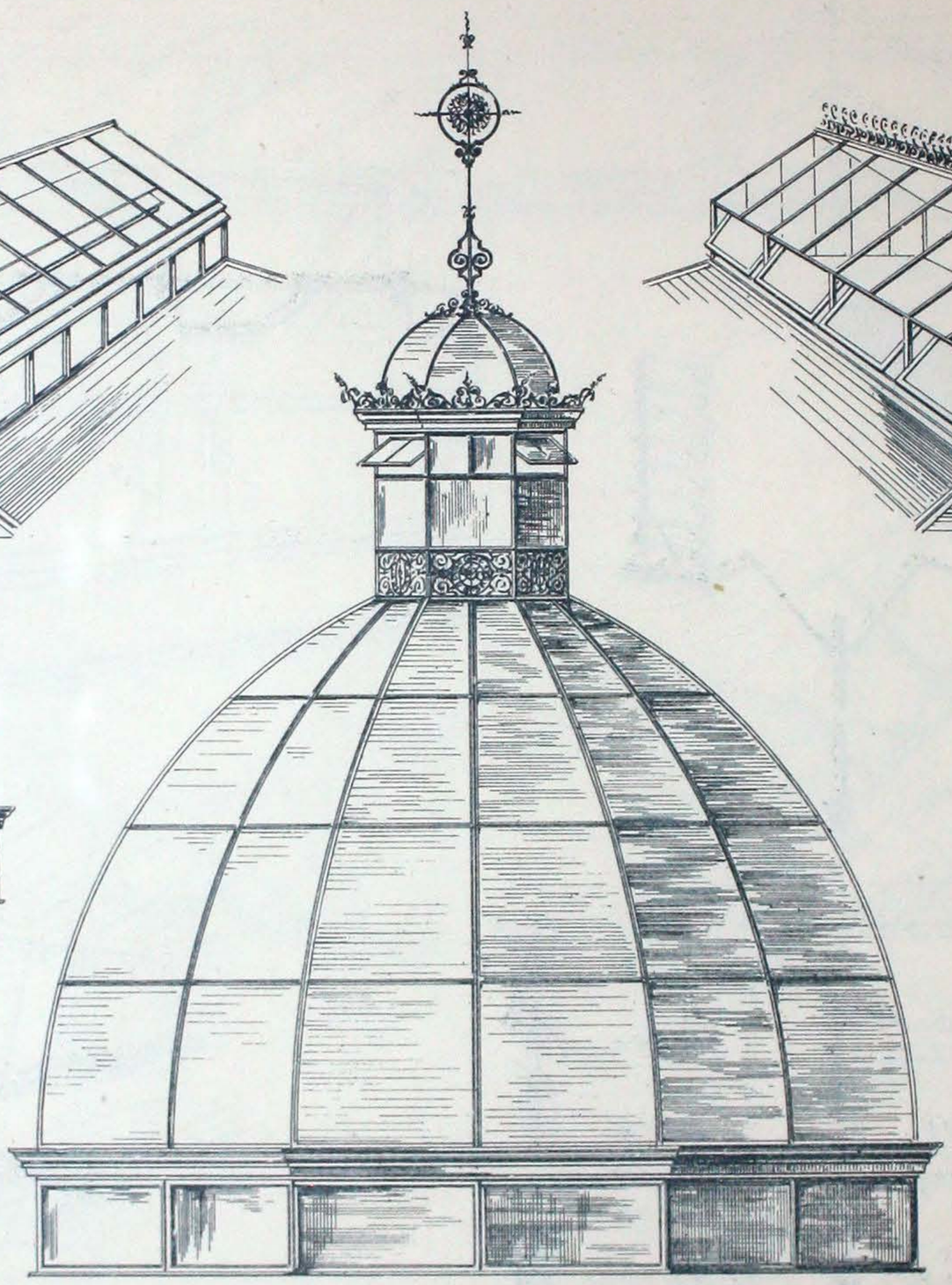
Estimates and details of Special Gear for opening Ventilators simultaneously in any position sent on receipt of requirements.



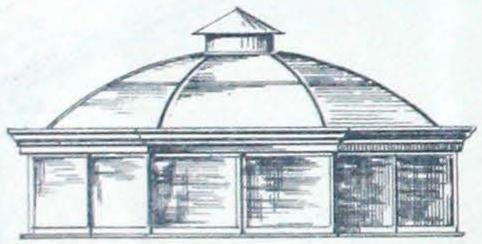
F. 821.
Ventilated Lantern Light with inside Roof of Leaded Glass.
for Billiard Rooms &c.



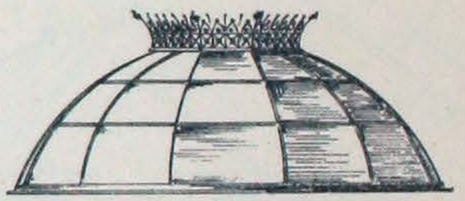
F. 822.
Ventilated Lantern Light
for Show Rooms, Restaurants &c.



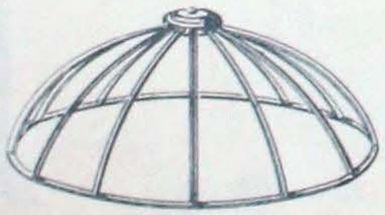
F. 827.
Dome Lights for 10 to 20 feet diameter.



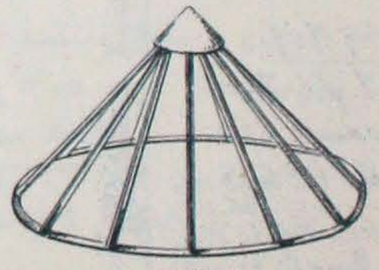
F. 823.
Octagon Light
£11. 0. 0 to £13. 0. 0



F. 824.
Circular Light
£9. 0. 0 to £11. 0. 0

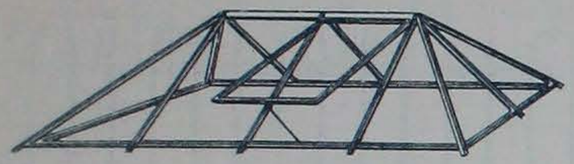


F. 825.
£3. 0. 0 to £4. 0. 0

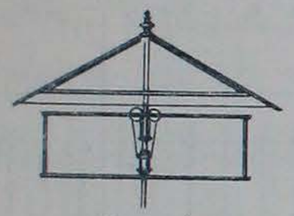


F. 826.
£3. 0. 0 to £4. 0. 0.

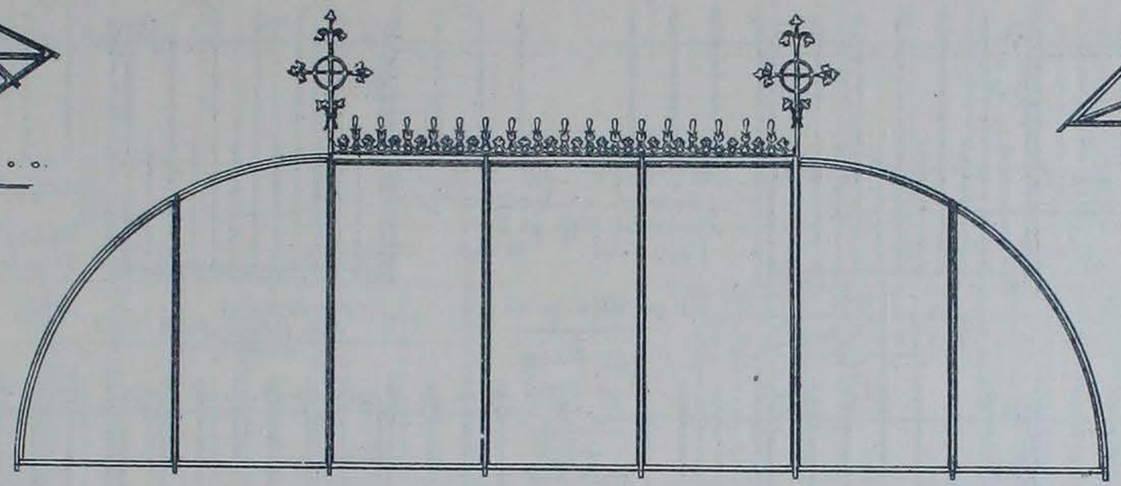
Above prices are to a scale of $\frac{3}{8}$-in.=1-ft., but can be made to any measurements.



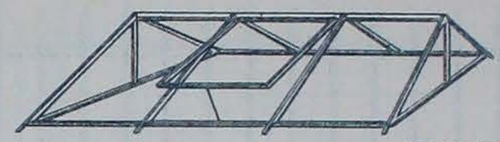
№ F 178. £3.10.0 to £4.0.0



№ F 176.
£4.0.0 to £5.0.0



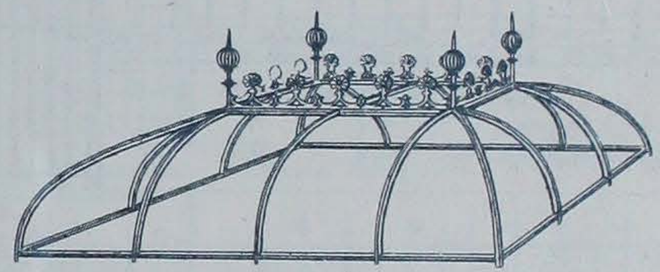
№ F 182.



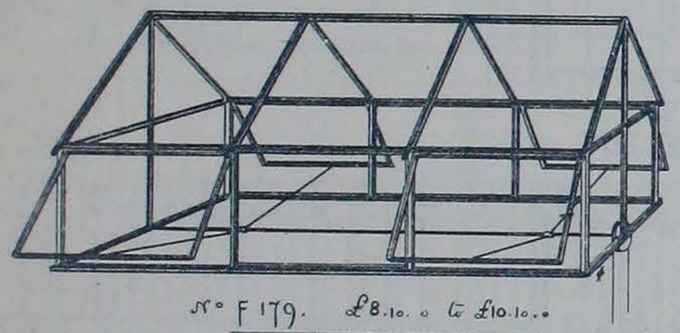
№ F 177,
£2.10.0 to £3.0.0



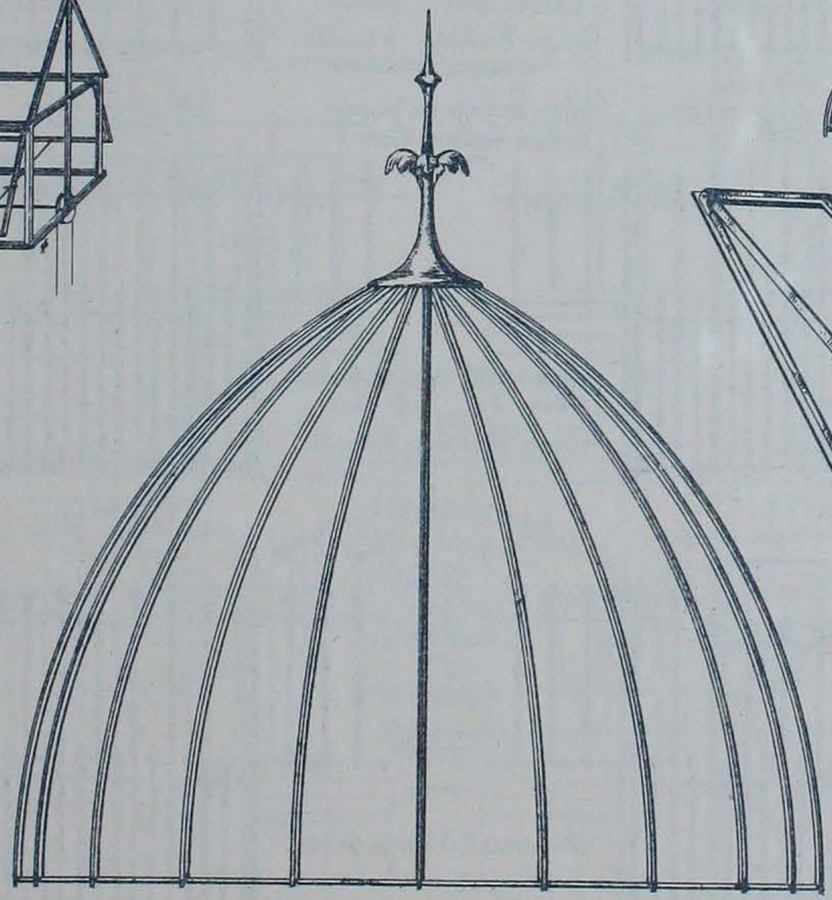
№ F 175.
Square Hipped Roof Light
8 Panes. 20/- to 24/-
Smaller size. 4 Panes 15/- to 20/-



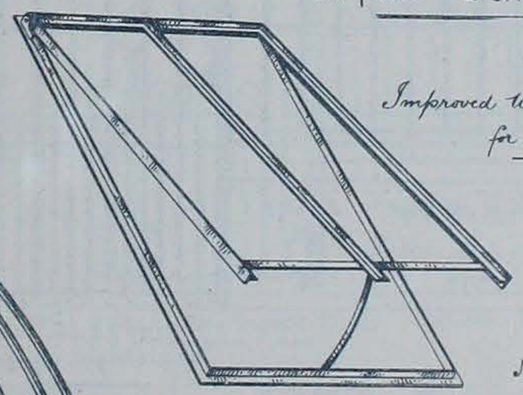
№ F 181. £5.10.0 to £7.0.0



№ F 179. £8.10.0 to £10.10.0



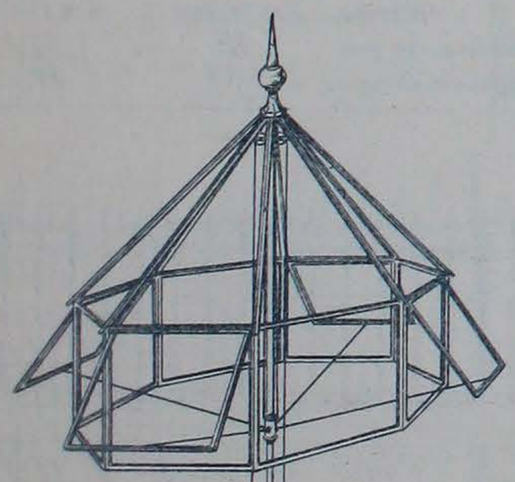
№ F 183.



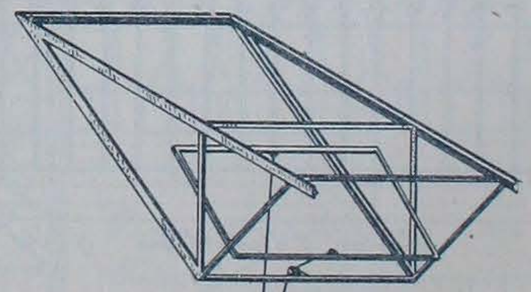
Improved Wrot Iron Skylights
for Glazed Roofs.

18" x 12" x 1 Pane	12/6
24" x 16" x 2 "	14/9
30" x 18" x 2 "	16/6
36" x 24" x 2 "	20/-

№ F 186.



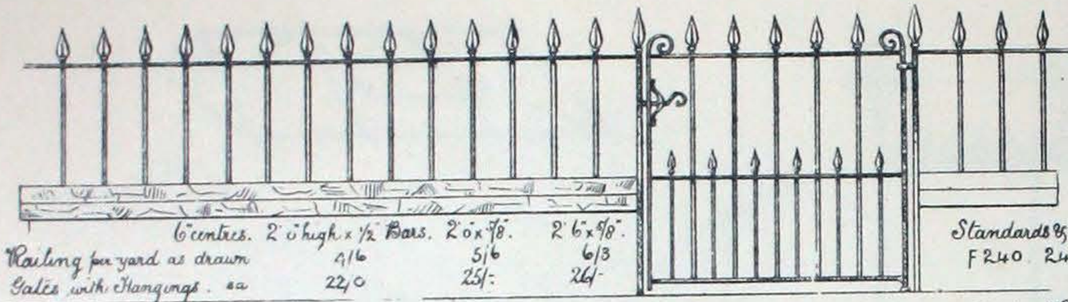
№ F 180. £7.10.0 to £9.10.0



№ F 187. 32/-

Above prices are to a scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any measurements.

Wrot Iron Single Gates, Standards, and Railings.

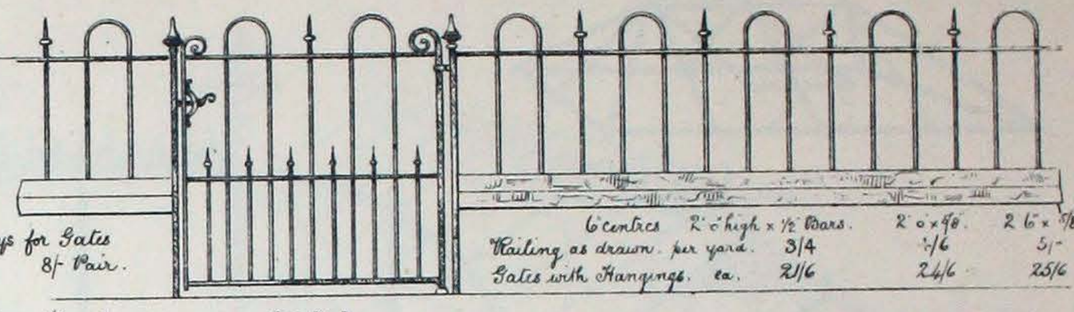


6" centres.	2' 0" high × ½ Bars.	2' 0" × ⅝".	2' 6" × ⅝".
Railing per yard as drawn	4/6	5/6	6/3
Gates with Hangings. ea	22/0	25/-	26/-

N° F 240
Solid Forged Heads.

Standards & Stays for Gates
F 240. 242. 8/- Pair.

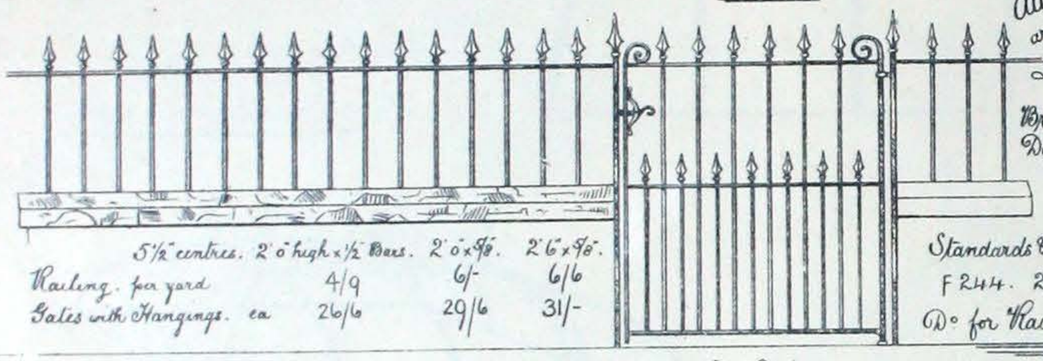
D° for Railings 1/8 each.



6" centres	2' 0" high × ½ Bars.	2' 0" × ⅝"	2' 6" × ⅝"
Railing as drawn. per yard.	3/4	4/6	5/-
Gates with Hangings. ea.	21/6	24/6	25/6

N° F 242
Solid Forged Heads.

All Gates are priced with Latch if with Brass Bolt Dead Lock 7/6 extra.

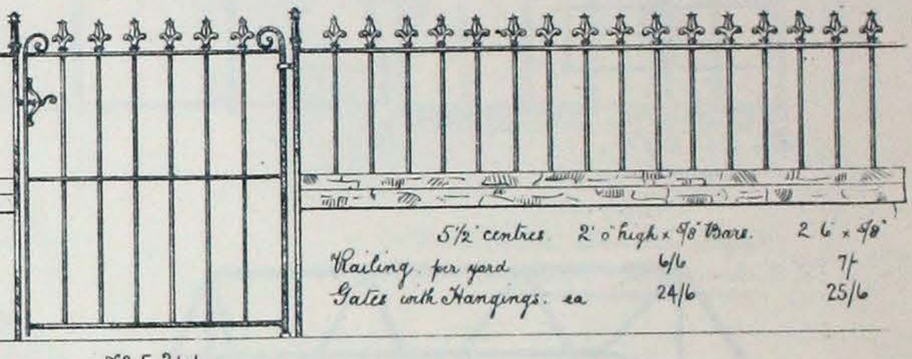


5½" centres.	2' 0" high × ½ Bars.	2' 0" × ⅝".	2' 6" × ⅝".
Railing. per yard	4/9	6/-	6/6
Gates with Hangings. ea	26/6	29/6	31/-

N° F 244
Solid Forged Heads.

Standards & Stays for Gates
F 244. 245. 9/- Pair.

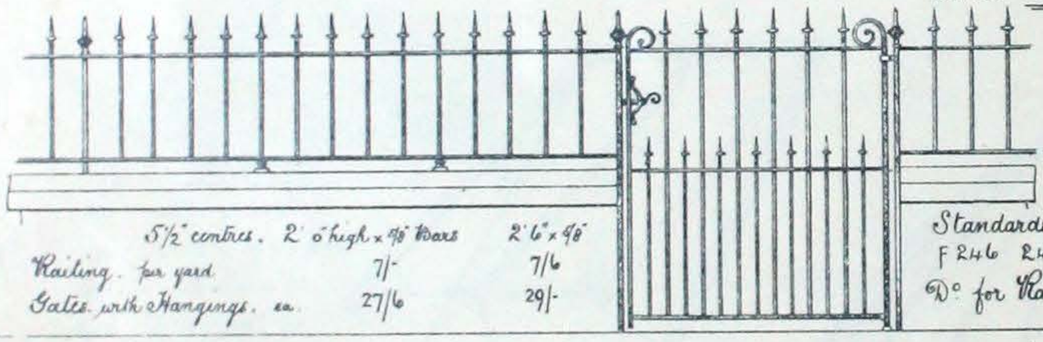
D° for Railings 2/3 each.



5½" centres	2' 0" high × ⅝" Bars.	2' 6" × ⅝"
Railing. per yard	6/6	7/-
Gates with Hangings. ea	24/6	25/6

N° F 241.
Solid Forged Heads

Above Railings are priced without Bottom Bar.

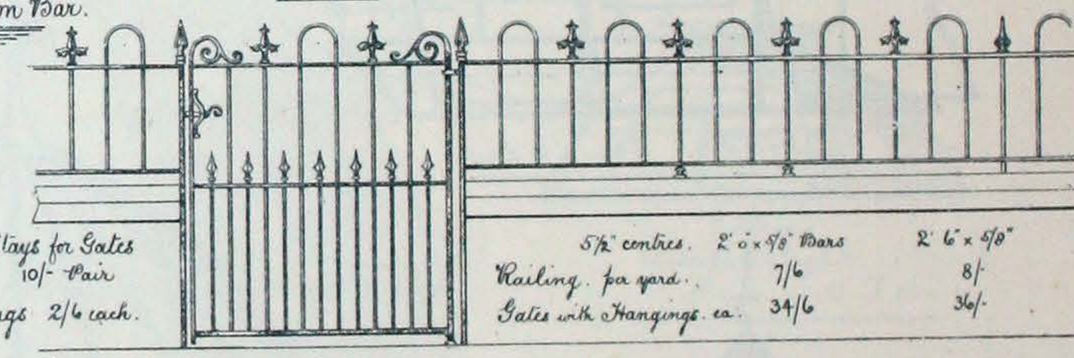


5½" centres.	2' 0" high × ⅝" Bars	2' 6" × ⅝"
Railing. per yard	7/-	7/6
Gates with Hangings. ea	27/6	29/-

N° F 246.
Solid Forged Heads

Standards & Stays for Gates
F 246 247. 10/- Pair

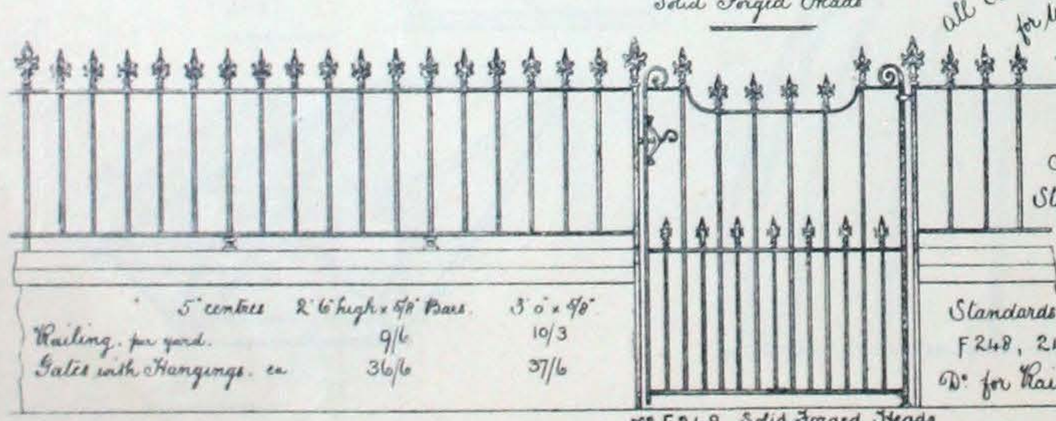
D° for Railings 2/6 each.



5½" centres.	2' 0" × ⅝" Bars	2' 6" × ⅝"
Railing. per yard.	7/6	8/-
Gates with Hangings. ea.	34/6	36/-

N° F 247.
Solid Forged Heads.

All Gates priced with Hangings for Wood or Stone Piers, see extra for Iron Standards.

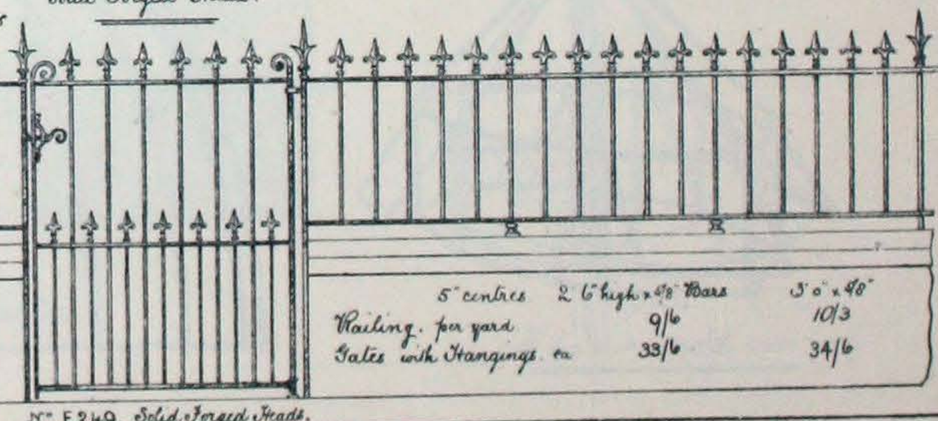


5" centres	2' 6" high × ⅝" Bars	3' 0" × ⅝"
Railing. per yard.	9/6	10/3
Gates with Hangings. ea	36/6	37/6

N° F 248. Solid Forged Heads

Standards & Stays for Gates
F 248, 249. 11/- Pair.

D° for Railings 2/6 each.

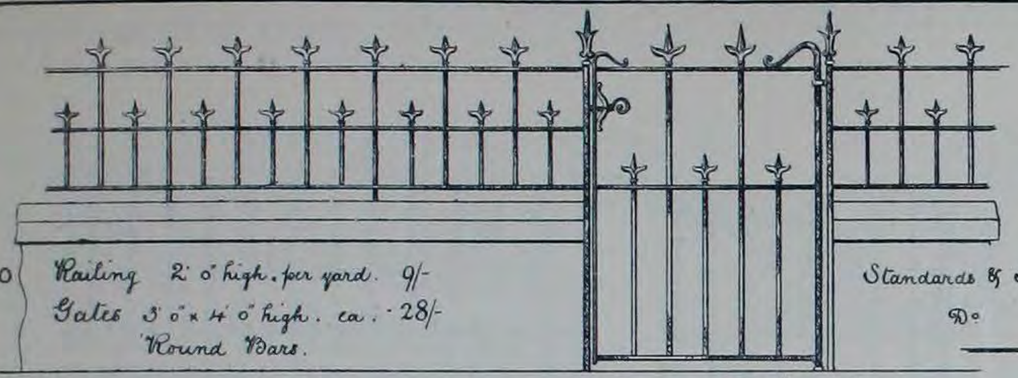


5" centres	2' 6" high × ⅝" Bars	3' 0" × ⅝"
Railing. per yard	9/6	10/3
Gates with Hangings. ea	33/6	34/6

N° F 249. Solid Forged Heads.

Above prices are to a scale of ⅜-in. = 1-ft., but can be made to any measurements. *Special prices for large quantities on receipt of specification.*

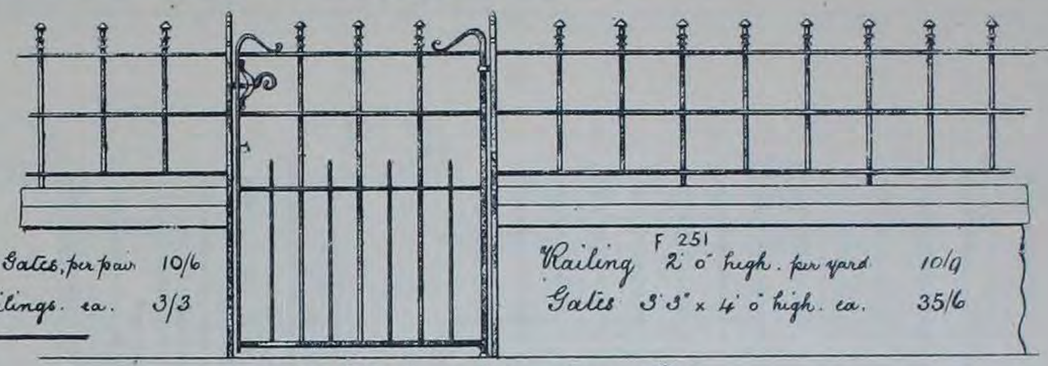
Wrot Iron Single Gates, Standards, and Railings.



F 250 Railing 2' 0" high. per yard. 9/-
Gates 3' 0" x 4' 0" high. ea. 28/-
Round Bars.

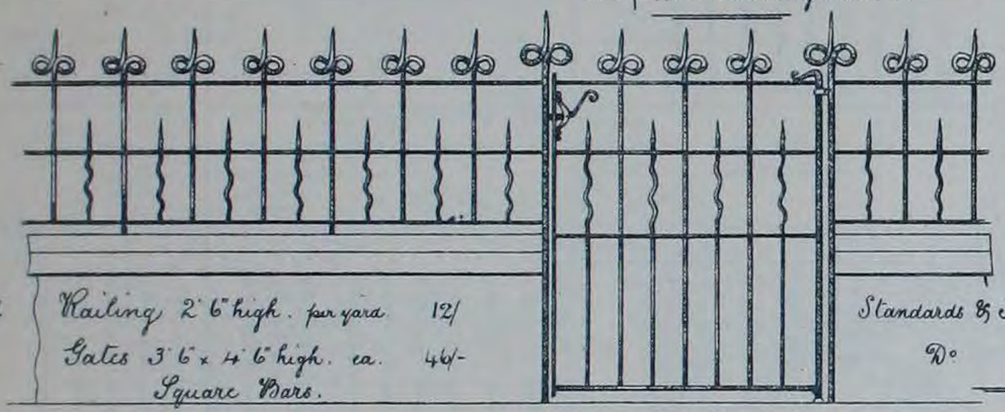
Standards & Stays for Gates, per pair 10/6
Do for Railings. ea. 3/3

N° F 250 Solid Forged Heads.



F 251
Railing 2' 0" high. per yard 10/9
Gates 3' 3" x 4' 0" high. ea. 35/6

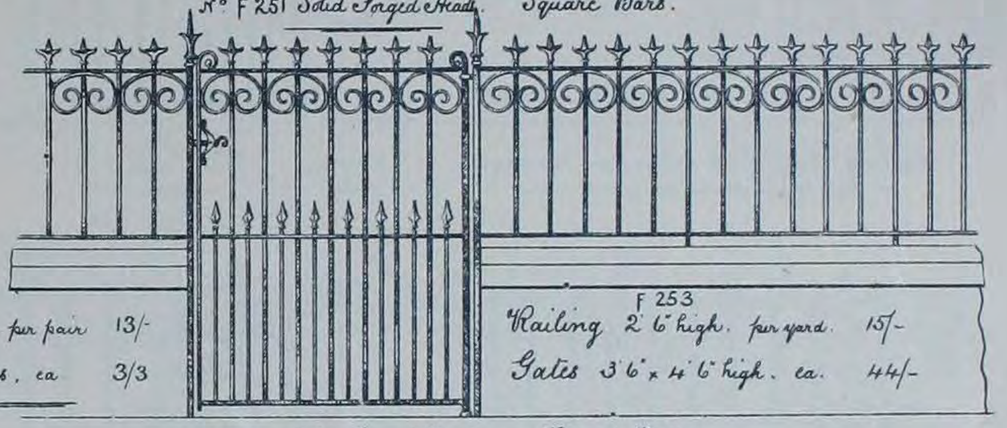
N° F 251 Solid Forged Heads. Square Bars.



F 252 Railing 2' 6" high. per yard 12/
Gates 3' 6" x 4' 6" high. ea. 46/-
Square Bars.

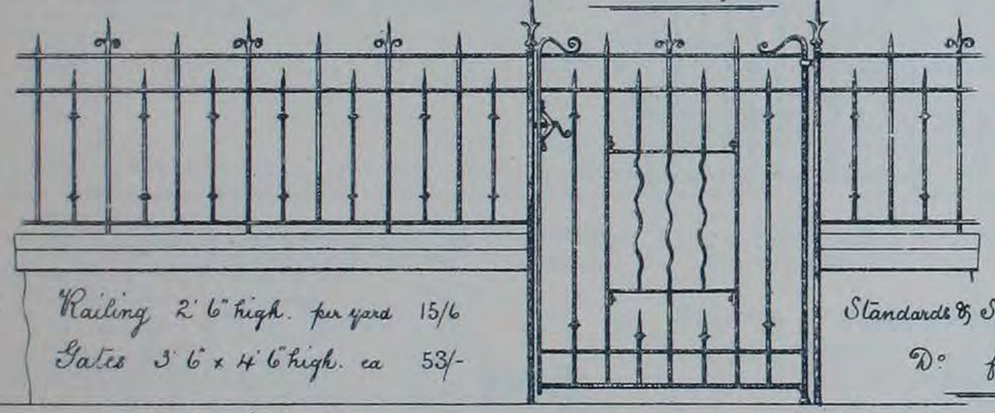
Standards & Stays for Gates, per pair 13/-
Do for Railings, ea 3/3

N° F 252. Solid Forged Heads.



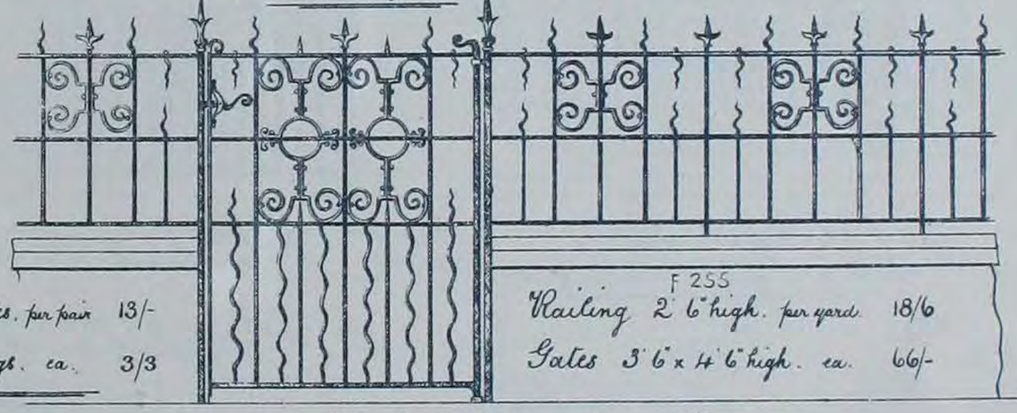
F 253
Railing 2' 6" high. per yard. 15/-
Gates 3' 6" x 4' 6" high. ea. 44/-

N° F 253. Solid Forged Heads. Round Bars.



F 254 Railing 2' 6" high. per yard 15/6
Gates 3' 6" x 4' 6" high. ea 53/-

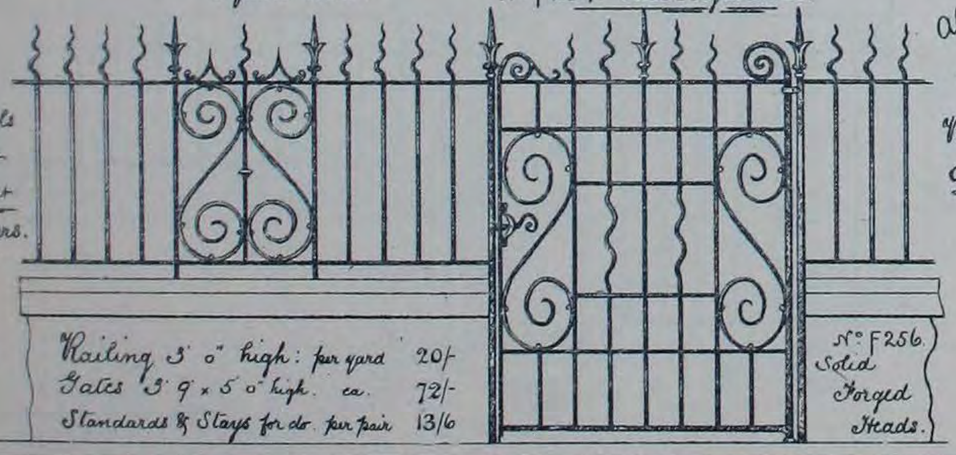
Standards & Stays for Gates. per pair 13/-
Do for Railings. ea. 3/3



F 255
Railing 2' 6" high. per yard 18/6
Gates 3' 6" x 4' 6" high. ea. 66/-

Square Bars. N° F 254. Solid Forged Heads.

Panels 3 feet apart Sq.e Bars.

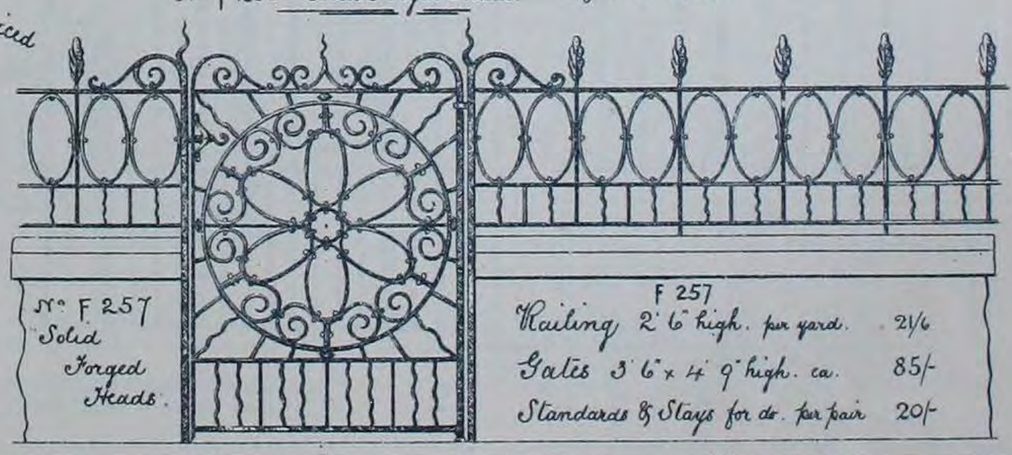


F 256 Railing 3' 0" high: per yard 20/-
Gates 3' 9" x 5' 0" high. ea. 72/-
Standards & Stays for do. per pair 13/6

N° F 256 Solid Forged Heads.

All Gates are priced with Latch, if with Brass Bolt Dead Lock 7/6 extra.

N° F 255 Solid Forged Heads. Square Bars.



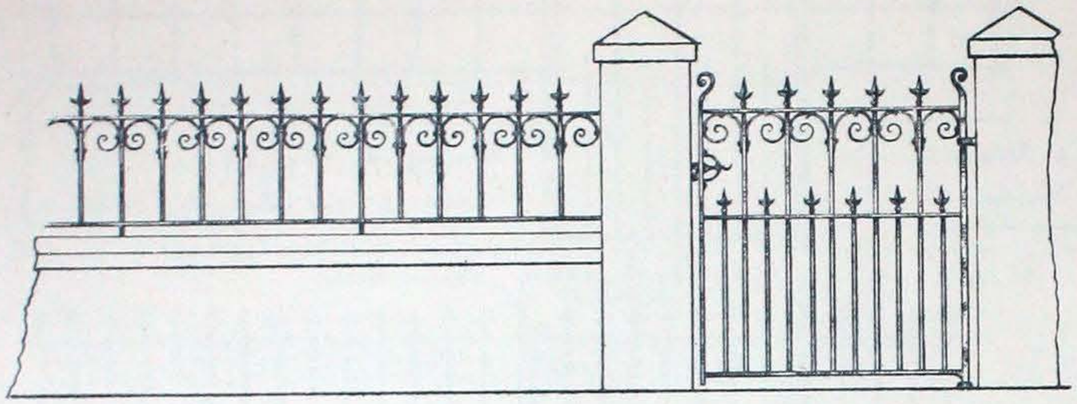
N° F 257 Solid Forged Heads.

F 257
Railing 2' 6" high. per yard. 21/6
Gates 3' 6" x 4' 9" high. ea. 85/-
Standards & Stays for do. per pair 20/-

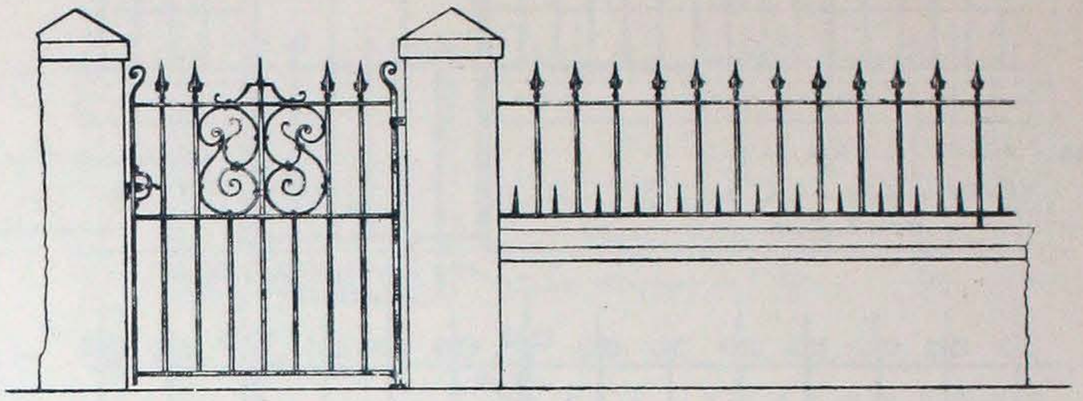
INV.T. F. LOWLE

Above prices are for scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any measurements. *Special prices for large quantities on receipt of specification.*

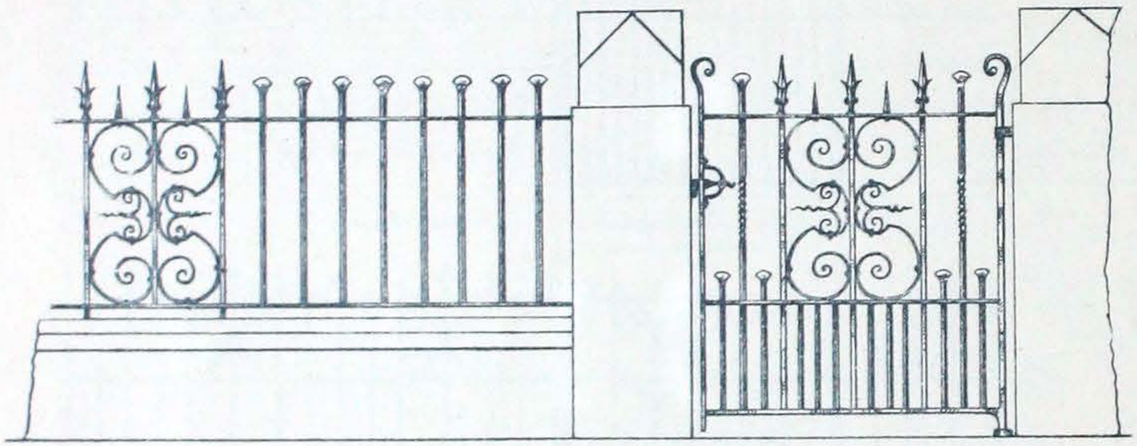
Wrot Iron Single Gates, Standards, and Railings.



Railing 2 feet high x 6" centres, 14/- per yard. F694. Gate £2.3.6.

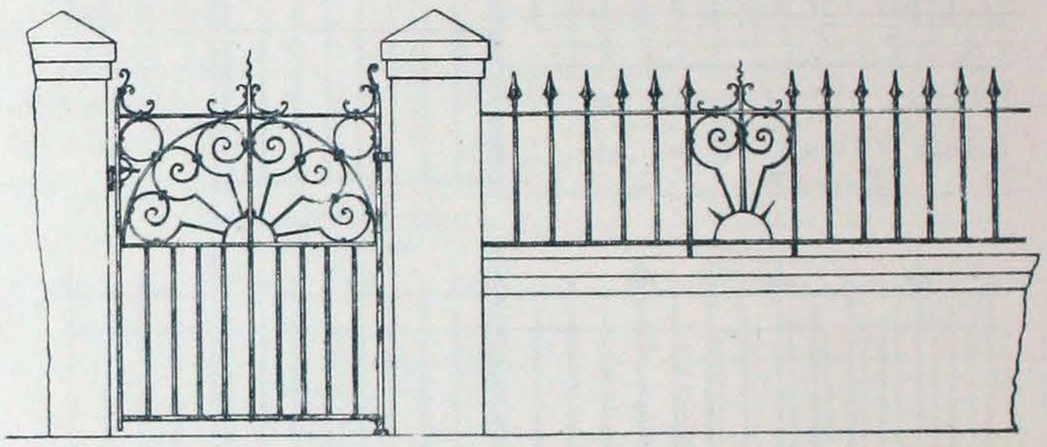


Gate £2.7.0. F695. Railing 2 feet high x 6" centres. 11/9 per yard.



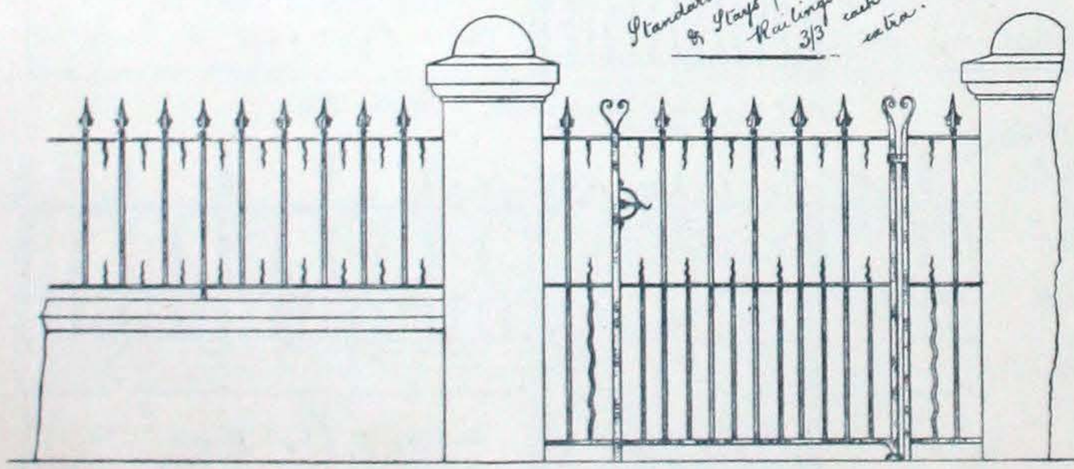
Railing 3 feet high x 6" centres
Panels 5' 6" apart, 18/6 per yard

F696. Gate £3.11.0



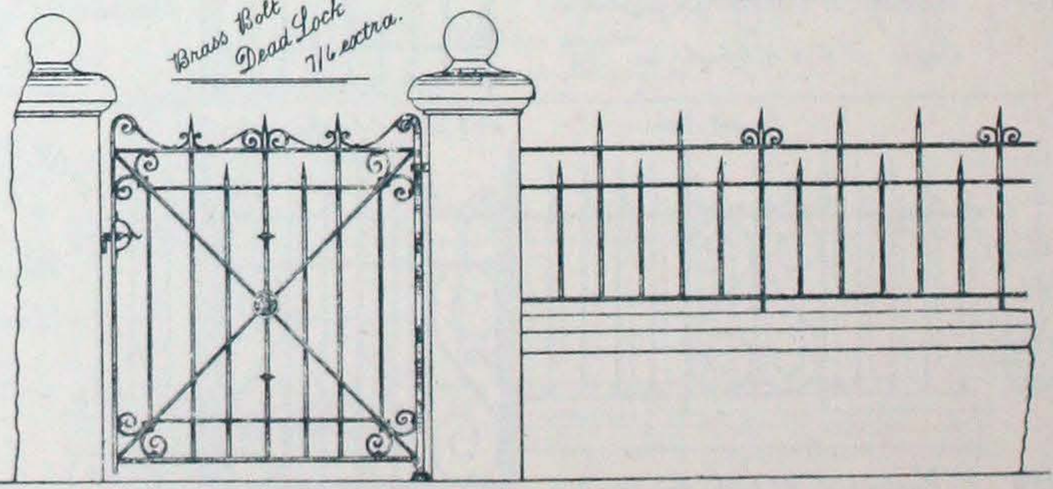
Gate £3.2.6 F697. Railing 2' 3" high x 5" centres
Panels 4' 6" apart 16/8 per yard.

Standards & Stays for Railings 3/3 each extra.



Railing 2' 6" high x 6" centres, 15/- per yard. F698. Gate with Pilasters & Stays £3.7.0.

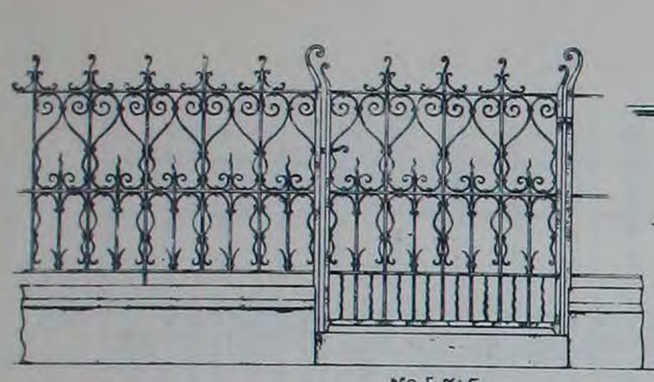
Brass Bolt Dead Lock 7/6 extra.



Gate. £3.10.0. F699. Railing 2' 6" high x 6" centres, 12/- per yard.

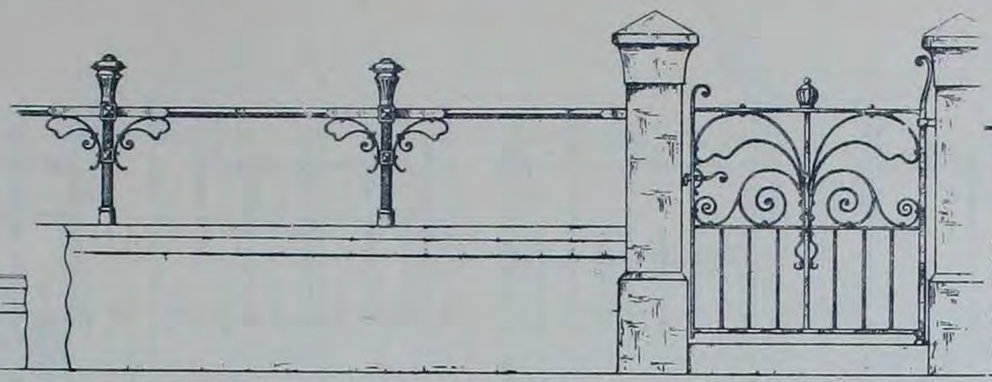
Above prices are for scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any measurements. *Special prices for large quantities on receipt of specification.*

Wrot Iron Entrance Gates and Railings.

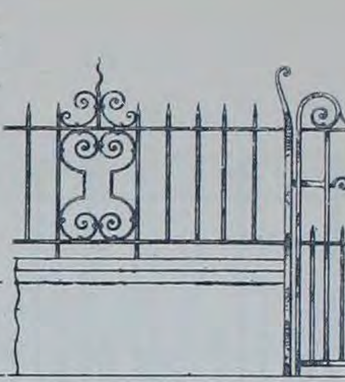


Railing 3 ft high
36/- per yard

N° F 715
Single Gate 3'5"x3'6" high 80/- ea
Hanging Standards & Stays. 11/- per pair



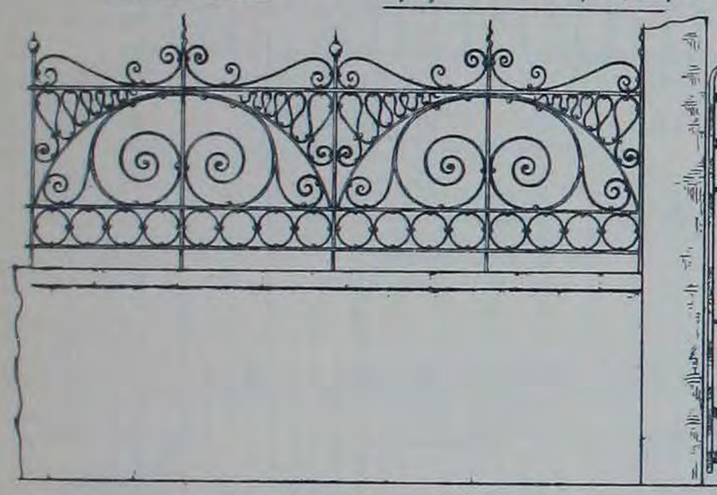
N° F. 716 Railing. Hor.l Bar 1'6" high. cast Pillars with Wrot Scrolls 3'6" apart 14/- per yard.



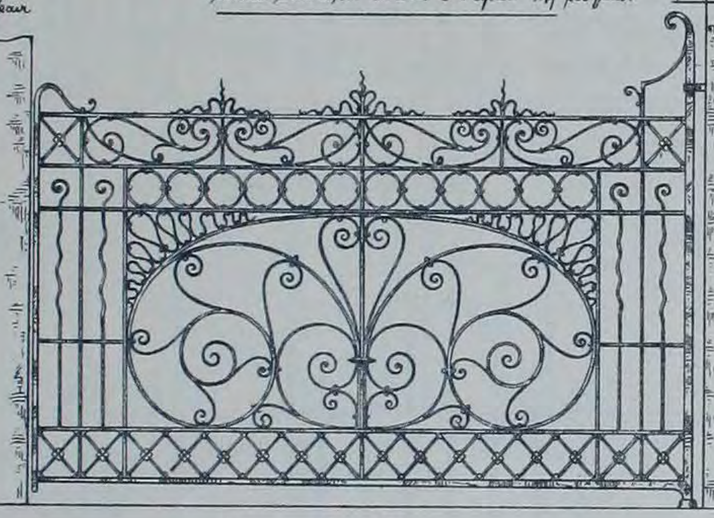
N° F. 716
Single Gate 3'0"x3'4" high 41/6 ea

Railing 2 ft high. Panels 4 ft Centres 13/- yard.

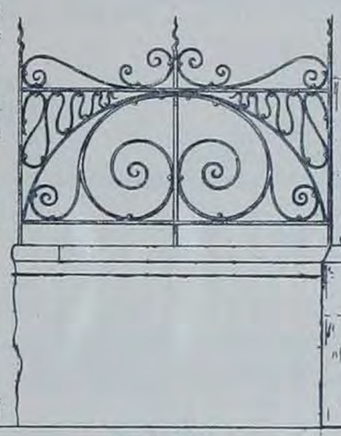
N° F. 717
Single Gate 3'6"x3'9" high 48/- ea
Hanging Standards & Stays 10/6 per pair



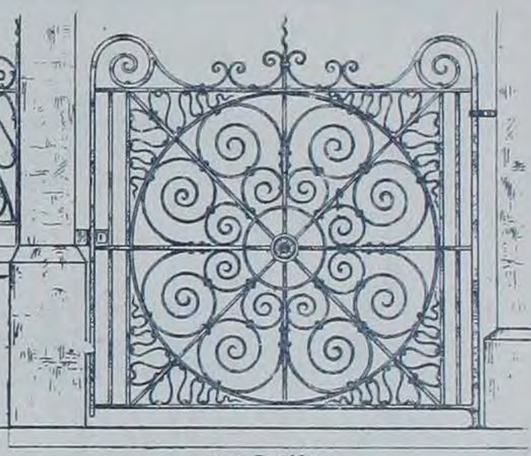
N° F. 719
Railing 2'9" high. Panels 4 ft wide 33/- per yard.



N° F 718.
Single Gate 8'6"x5'6" high £17.10.0 ea.

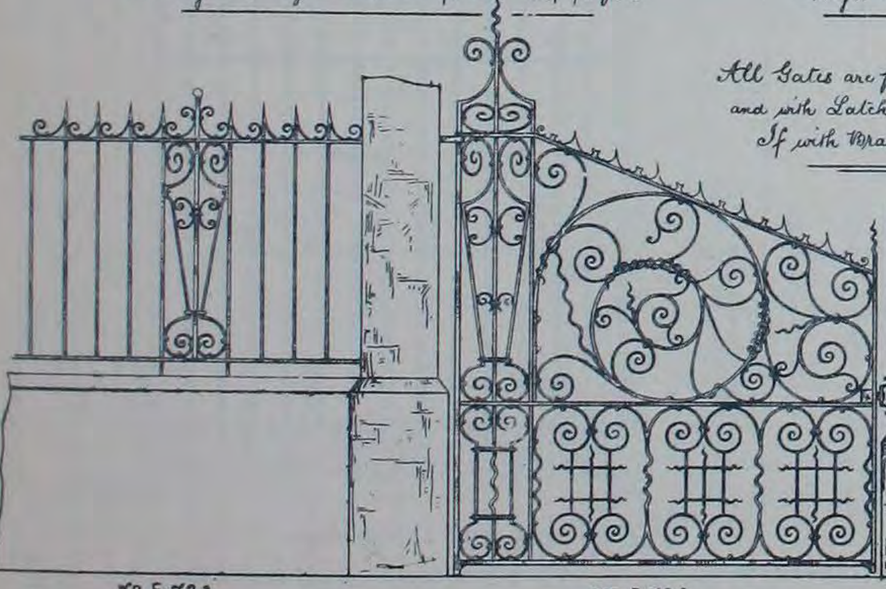


N° F 721.
Railing 2'6" high. Panels 3'10" wide. 22/- per yard.



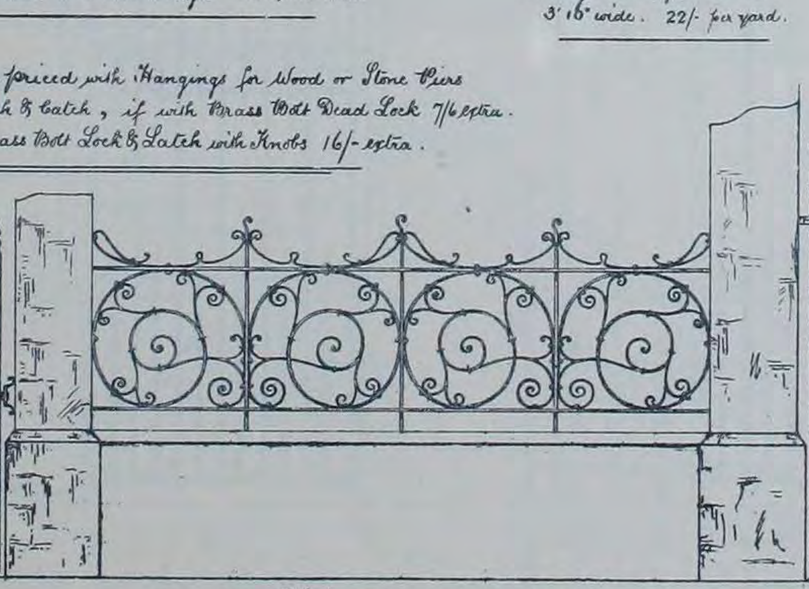
N° F. 720
Single Gate 5'0"x5'0" £9.12.0

All Gates are priced with Hangings for Wood or Stone Piers and with Latch & Catch, if with Brass Bolt Dead Lock 7/6 extra. If with Brass Bolt Lock & Latch with Knobs 16/- extra.

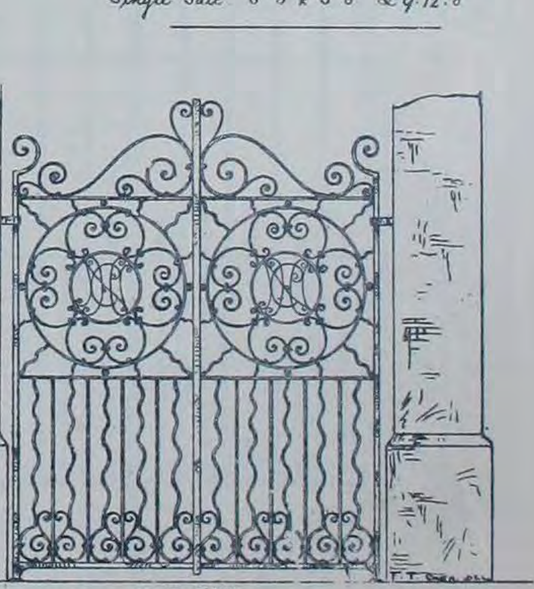


N° F. 723
Railing 3'6" high. Panels every 3 ft 28/- per yard.

N° F 722.
Single Gate 5'6"x7'0" and 4'3" high £14.5.0 ea.



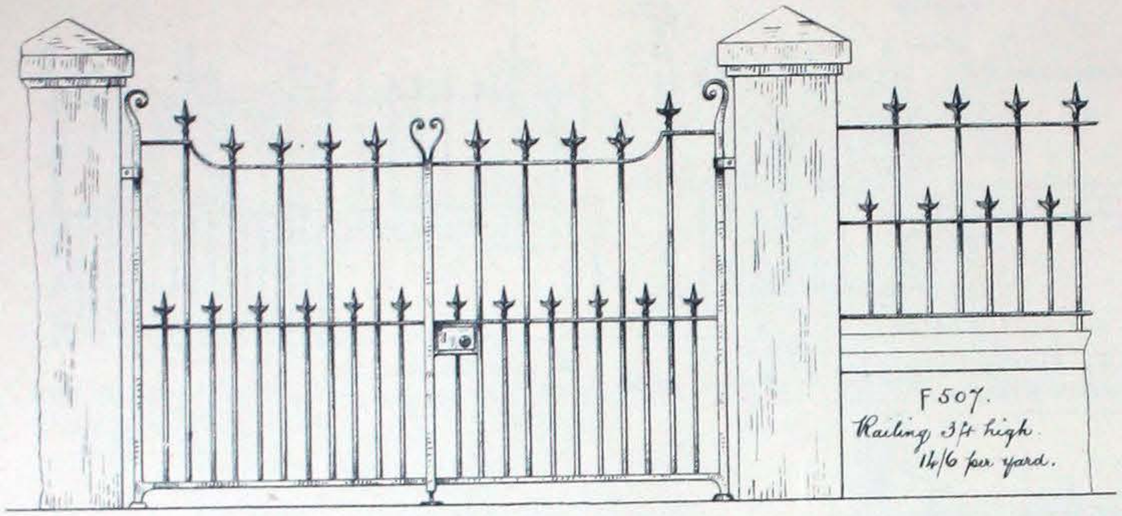
N° F. 725. Railing 2'9" high. Panels 2 ft. 31/6 per yard.



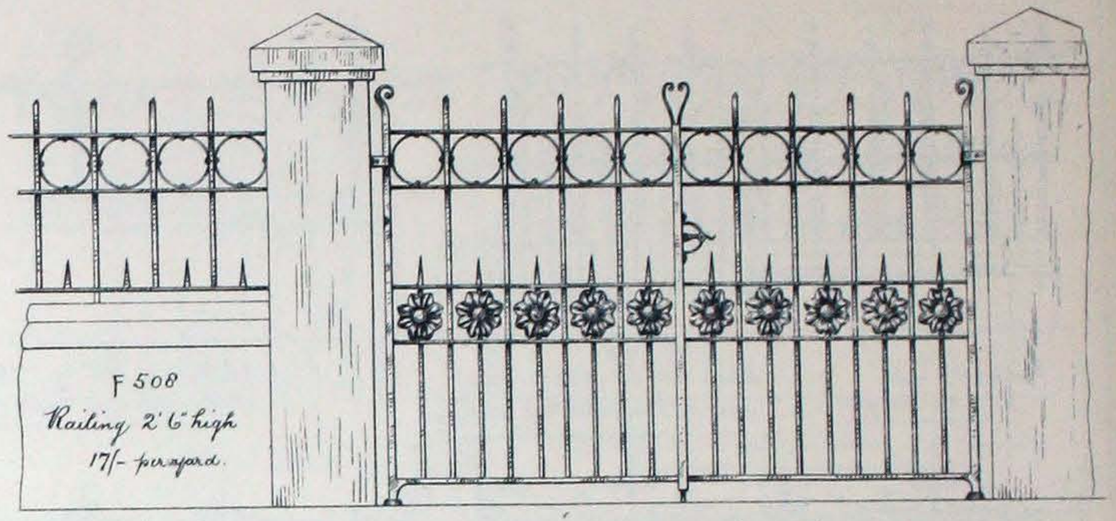
N° F. 724
Pair Gates 4'9"x6'0" high. £8.5.0 per pair.

When sizes are not stated prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*

Wrot Iron Entrance Gates and Railings.

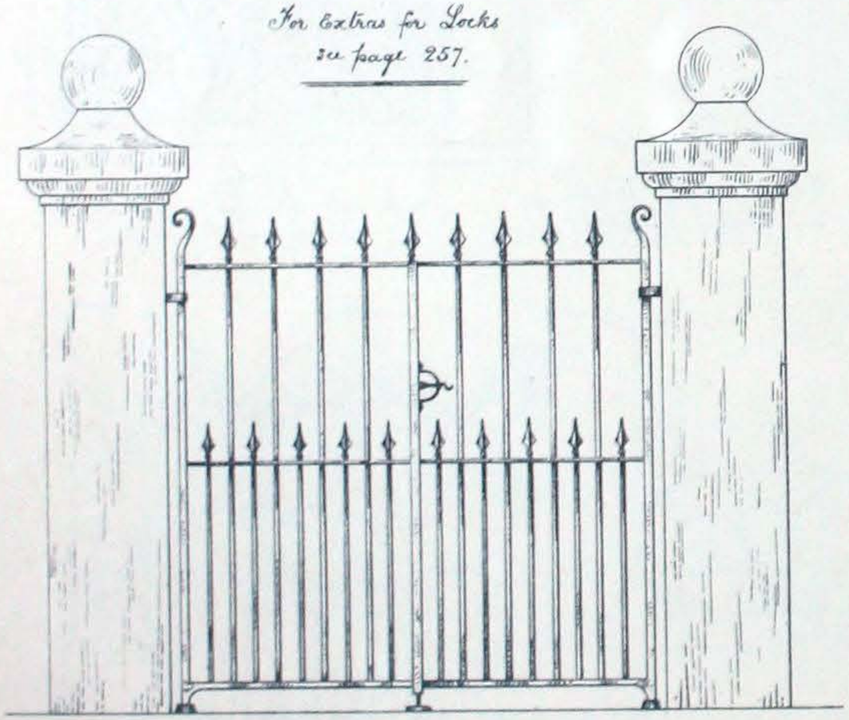


F 507. Solid Forged Heads.
7'6" x 5'0". 3/4" Bars £5.10.0

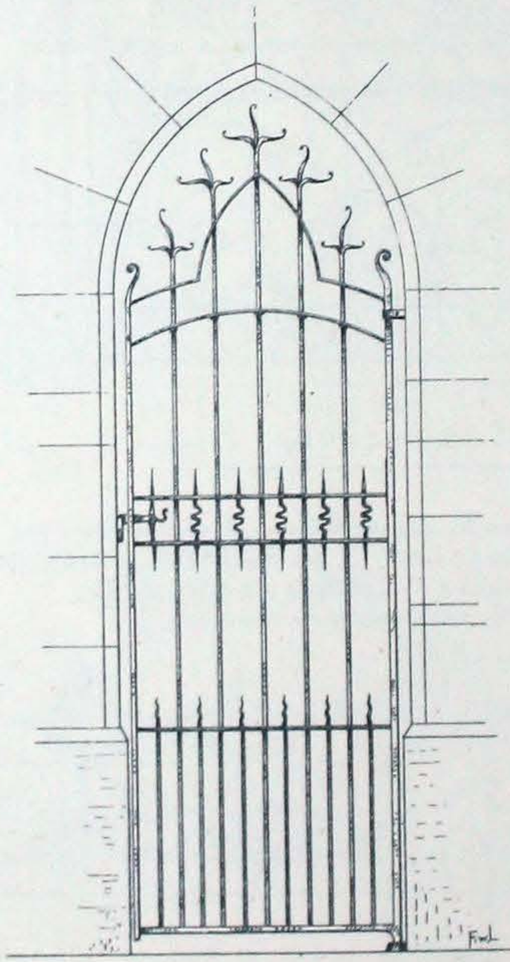


F 508. Solid Forged Heads.
7'6" x 5'0". £10.0.0 per Pair.
9'0" x 5'0" £11.15.0

For Extras for Locks
see page 257.

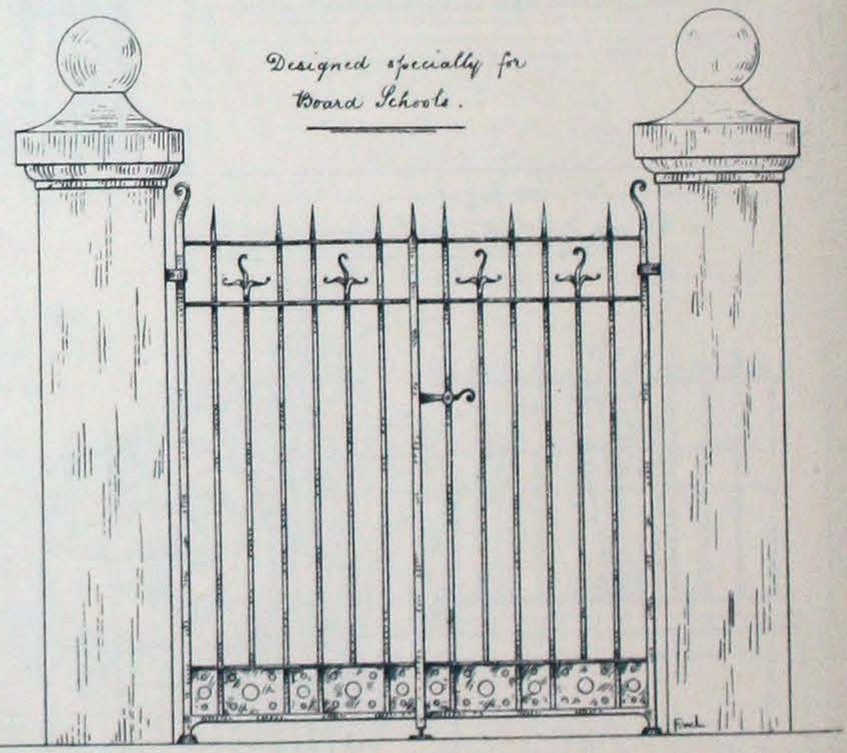


F 509. Solid Forged Heads.
6'0" x 6'0". £4.6.0 per Pair
Single Gate 3ft x 6ft £2.3.6.



F 510.
Solid Forged Heads.
3'6" x 10'0". £7.0.0

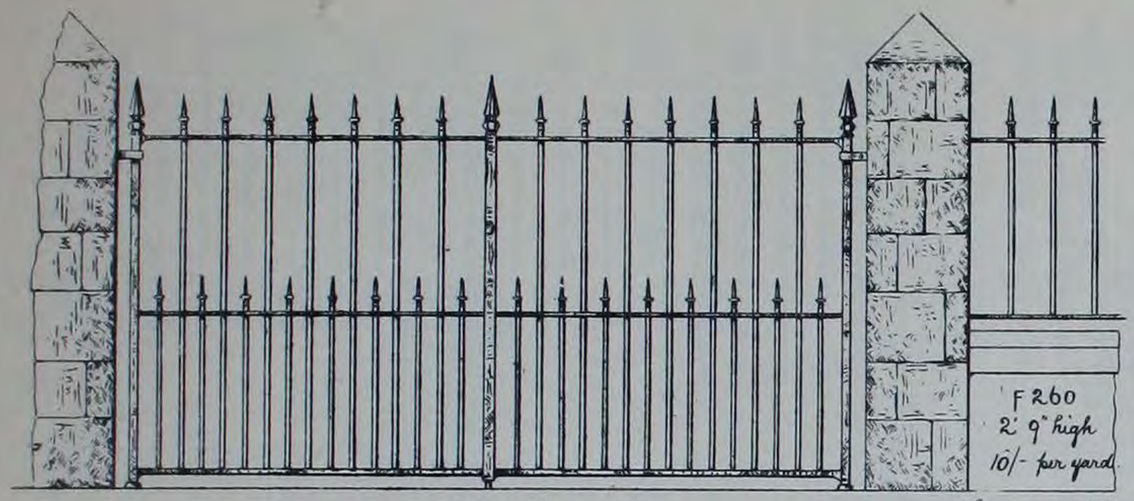
Designed specially for
Board Schools.



F 511. Solid Forged Heads
6'0" x 6'6" high. £6.8.0 per Pair
Single Gate. 3ft x 6'6" high £3.6.0.

When sizes are not stated prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*

Wrot Iron Entrance Gates and Railings.



F 260
2' 9" high
10/- per yard

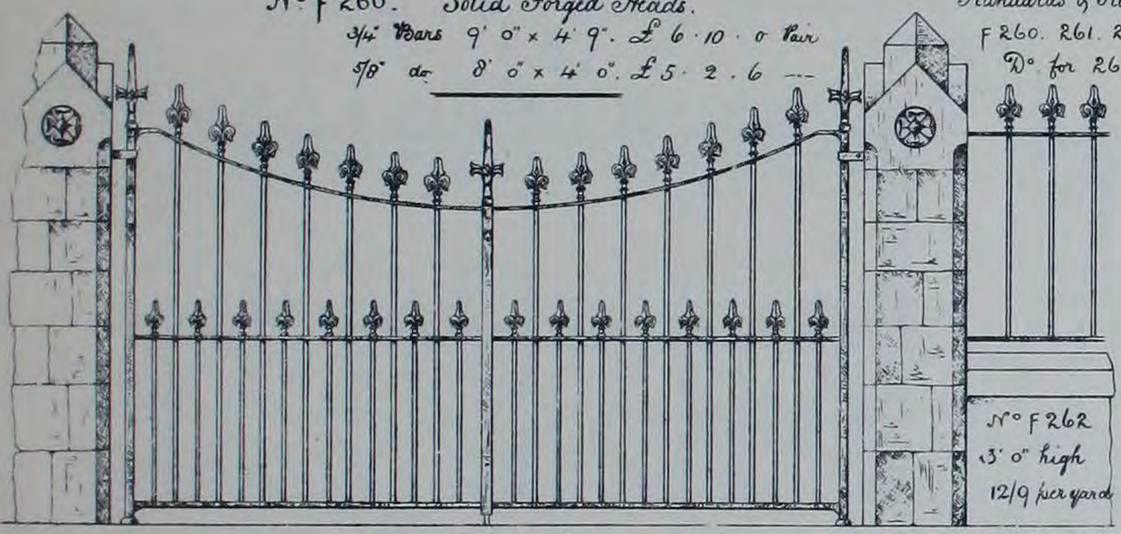


F 261
2' 9" high
12/3 per yard

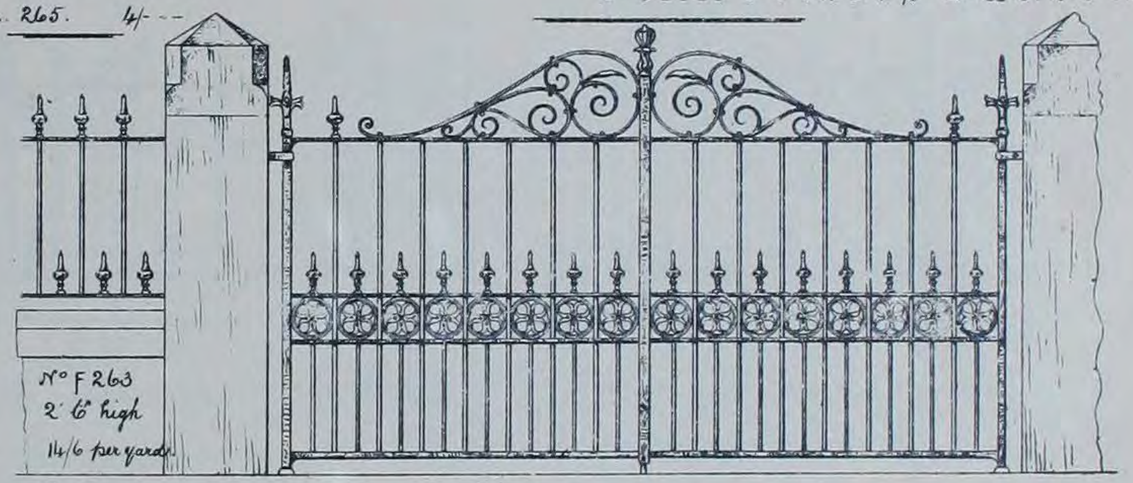
N° F 260. Solid Forged Heads.
3/4" Bars 9' 0" x 4' 9". £ 6 . 10 . 0 Pair
5/8" do 8' 0" x 4' 0". £ 5 . 2 . 6 ---

Standards & Stays for Railings,
F 260. 261. 262. 263. 3/6 each
D° for 264. 265. 4/- ---

N° F 261. Solid Forged Heads 9' 0" x 4' 9" x 3/4" Bars £ 7 . 15 . 0 Pair.
D° ----- 8' 0" x 4' 3" x 5/8" do £ 5 . 10 . 0 ---



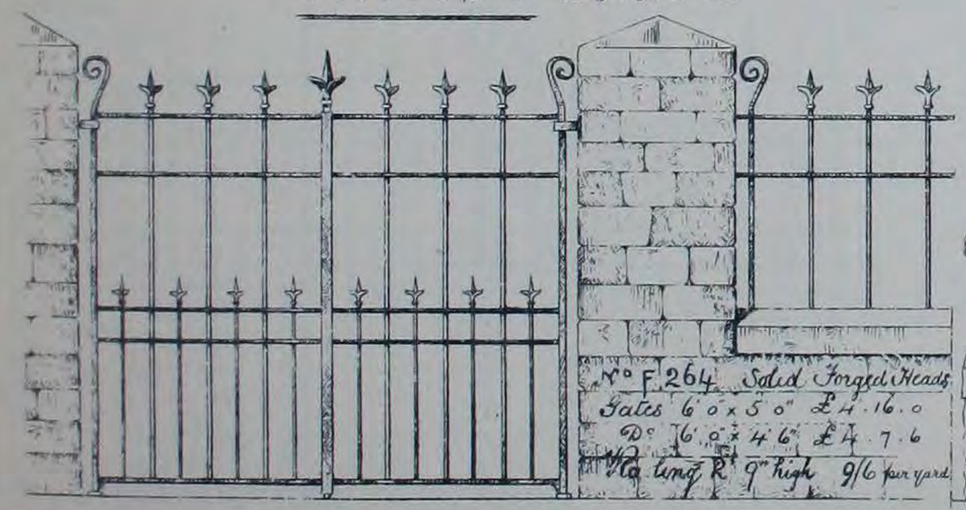
N° F 262
3' 0" high
12/9 per yard



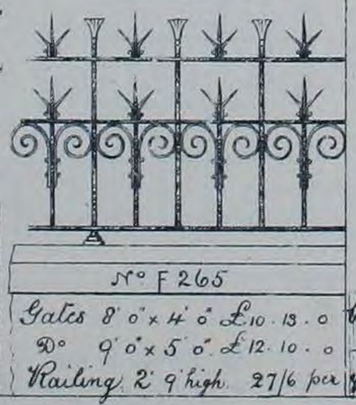
N° F 263
2' 6" high
14/6 per yard

N° F 262 Solid Forged Heads.
9' 0" x 5' 3" x 3/4" Bars £ 7 . 16 . 0 Pair
8' 0" x 5' 0" x 5/8" do £ 5 . 6 . 0 ---

Extra for Brass Bolt Lock Latch and Iron Knobs ---- 16/-
D° D° and Sham on other Gate 23/-.

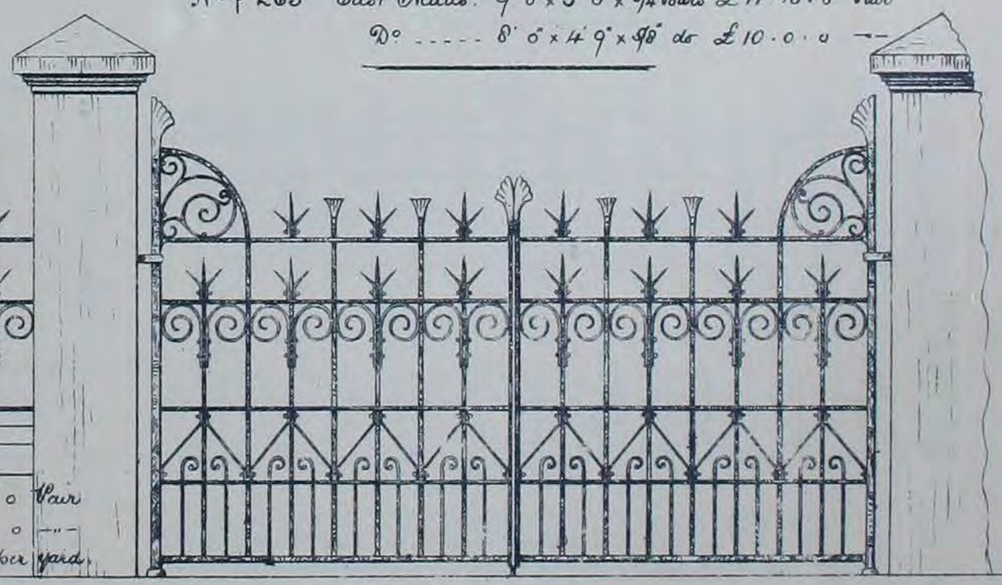


N° F 264 Solid Forged Heads
Gates 6' 0" x 5' 0" £ 4 . 16 . 0
D° 6' 0" x 4' 6" £ 4 . 7 . 6
Railing 2' 9" high 9/6 per yard



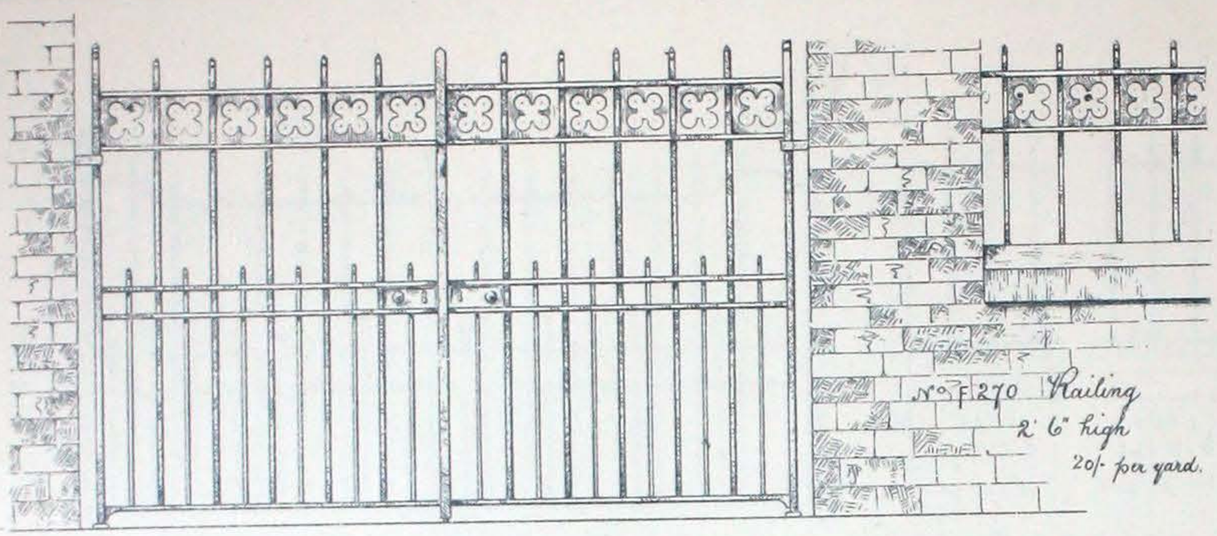
N° F 265
Gates 8' 0" x 4' 0" £ 10 . 13 . 0 Pair
D° 9' 0" x 5' 0" £ 12 . 10 . 0 ---
Railing 2' 9" high 27/6 per yard.

N° F 263 Cast Heads. 9' 0" x 5' 0" x 3/4" Bars £ 11 . 15 . 0 Pair
D° ----- 8' 0" x 4' 9" x 5/8" do £ 10 . 0 . 0 ---

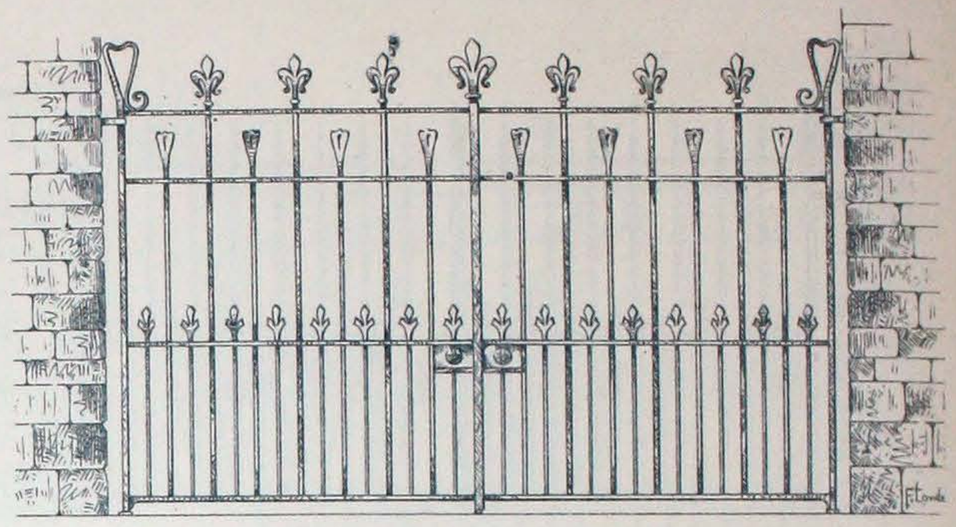


When sizes are not stated prices are to scale of 3/8-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*

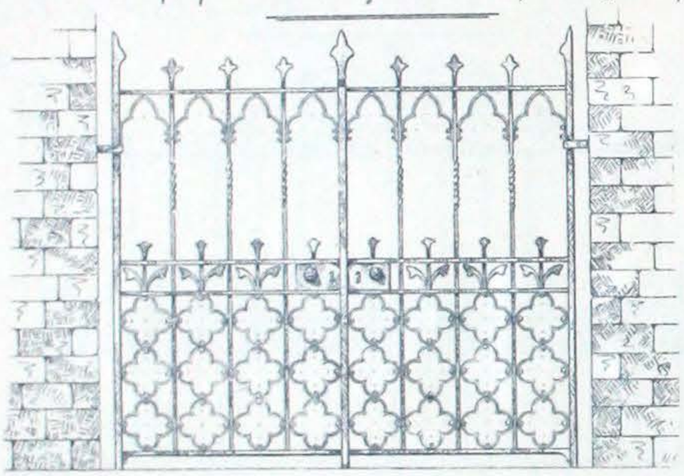
Wrot Iron Entrance Gates and Railings.



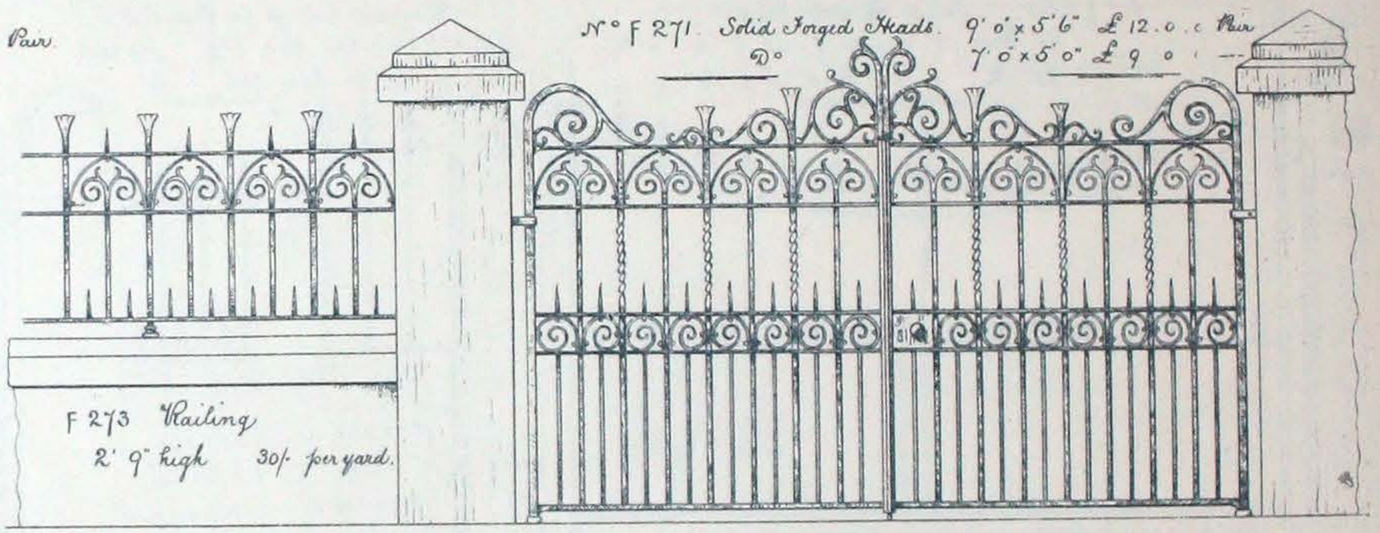
N° F 270 Railing
2' 6" high
20/- per yard.



N° F 270. Solid Forged Heads. 9' 0" x 5' 9". £9.0.0 Pair.

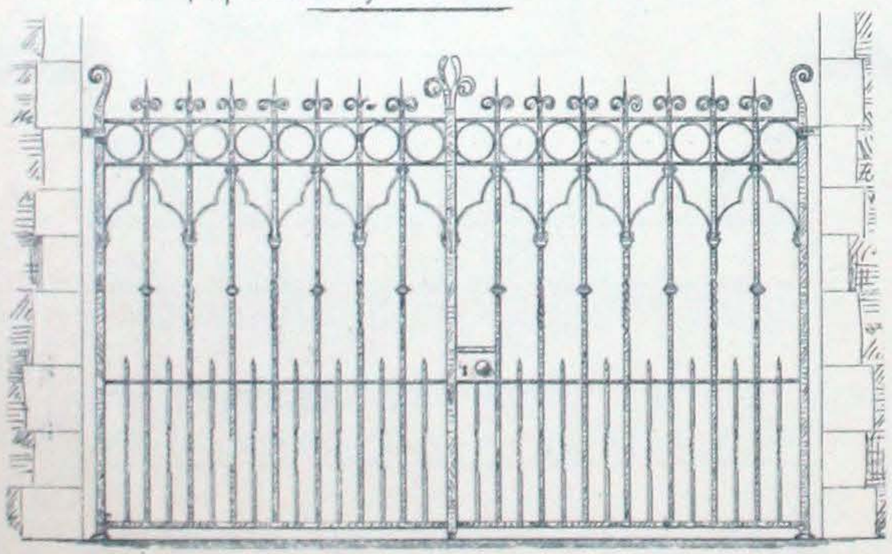


N° F 271. Solid Forged Heads. 9' 0" x 5' 6" £12.0.0 Pair
D° 7' 0" x 5' 0" £9 0 0 ---



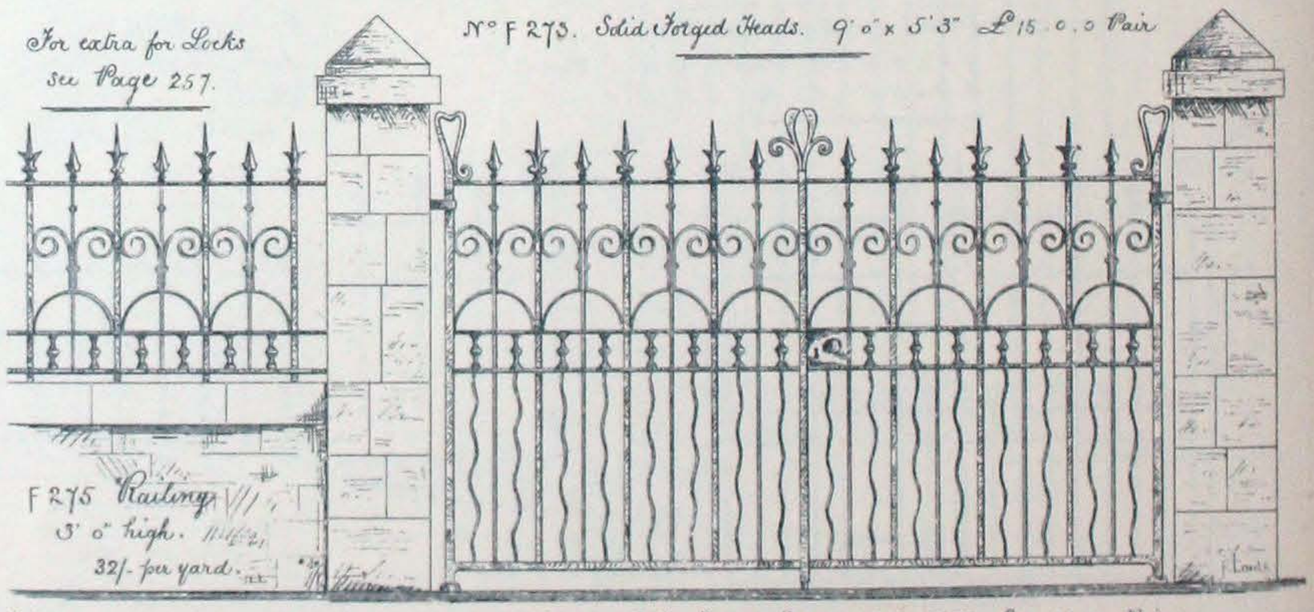
F 273 Railing
2' 9" high 30/- per yard.

N° F 272. Solid Forged Heads 6' 0" x 5' 0". £12.10.0 Pair.



For extra for Locks
see Page 257.

N° F 273. Solid Forged Heads. 9' 0" x 5' 3" £15.0.0 Pair



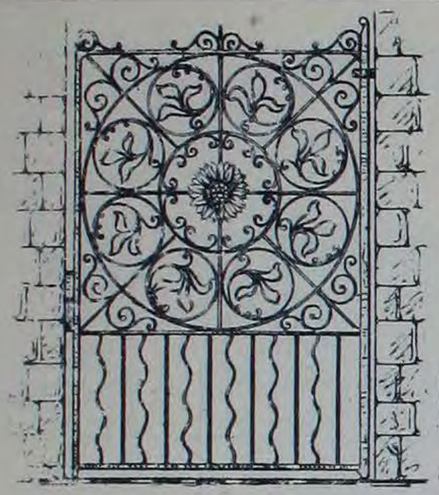
F 275 Railing
3' 0" high.
32/- per yard.

N° F 274 Solid Forged Heads. 9' 0" x 5' 6" £12.10.0. 7' 0" x 5' 0" £10.15.0. per pair.

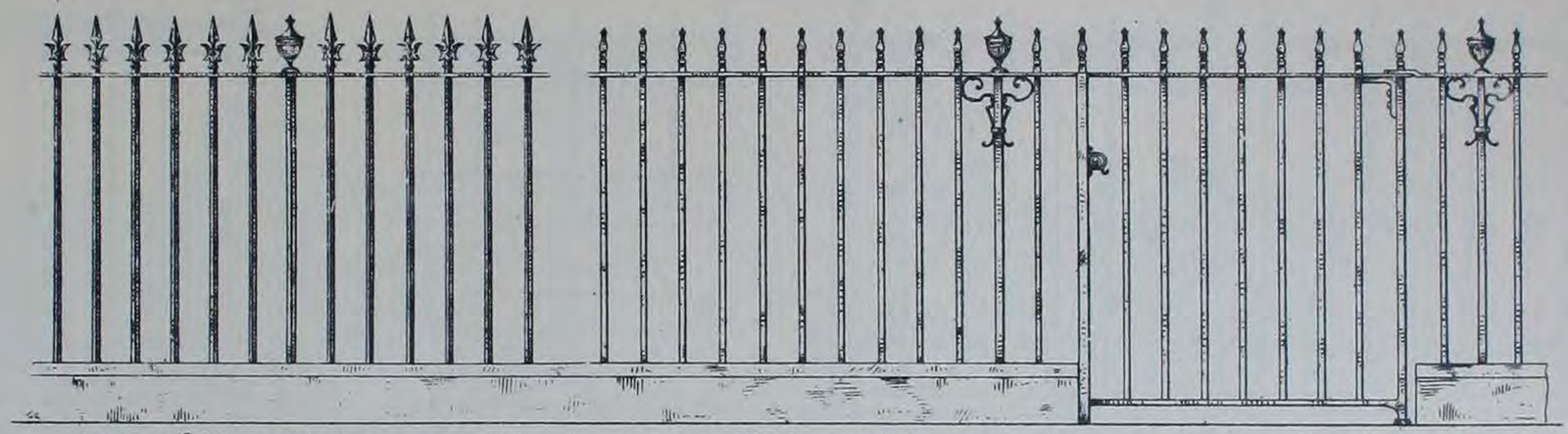
N° F 275 Solid Forged Heads. 9' 0" x 5' 9" £11.15.0 Pair.

When sizes are not stated prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*

Wrot Iron Entrance Gates and Railings.



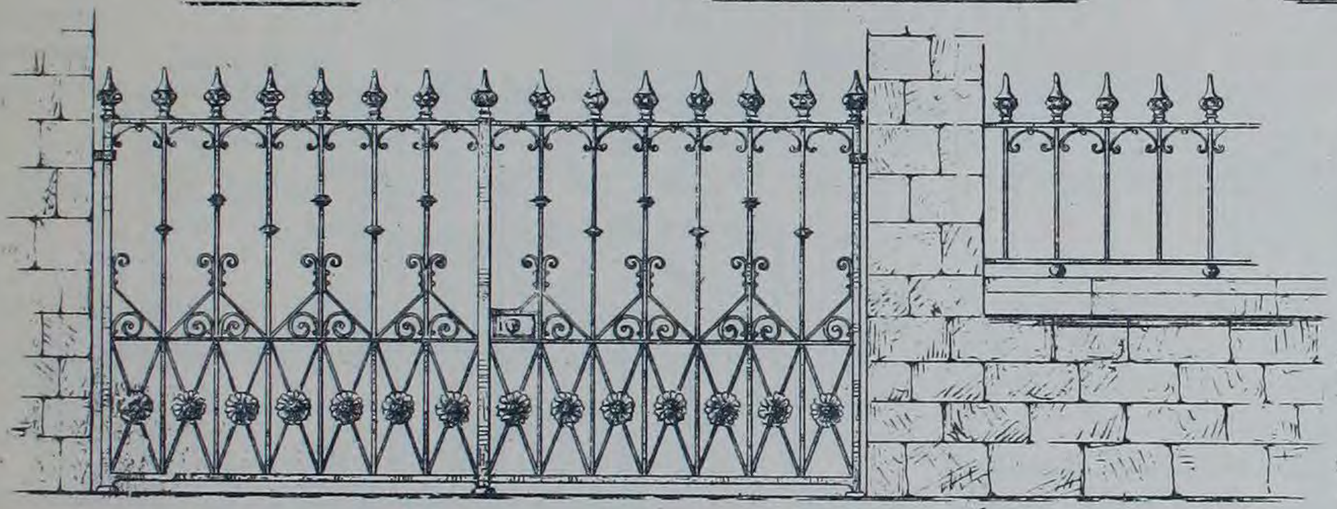
N° F 280 3'9"x5'9" £9.0.0 ea



F287. Railing 4'3" high x 6" centres, ¾ Diagonal Bars. Standard & Stay every 6 feet. 19/- per yard.

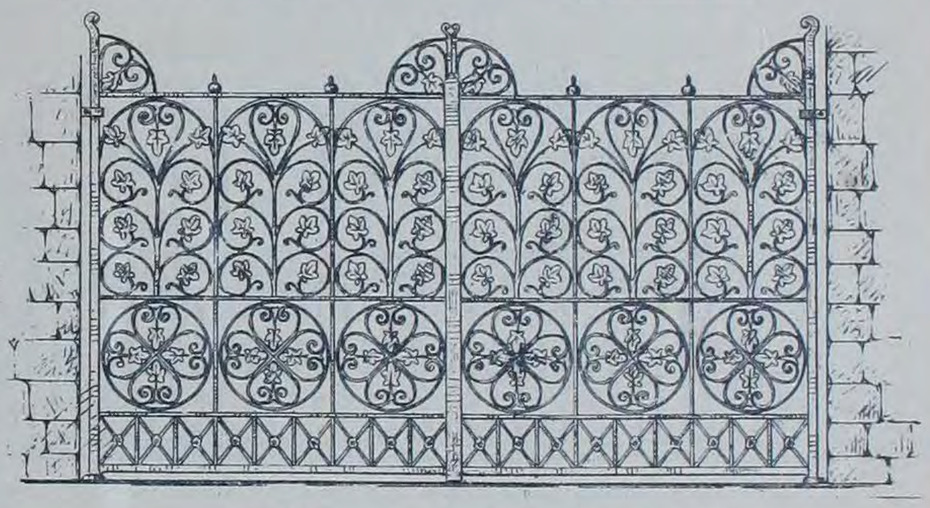
F286. Railing 4'3" high x 6" centres, ⅞ Sq^re Bars. Standards & Stays every 6 feet. 26/6 per yard.

F286. Single Gate 4'3" x 5 feet high. with Locking Latch. £3.10.0



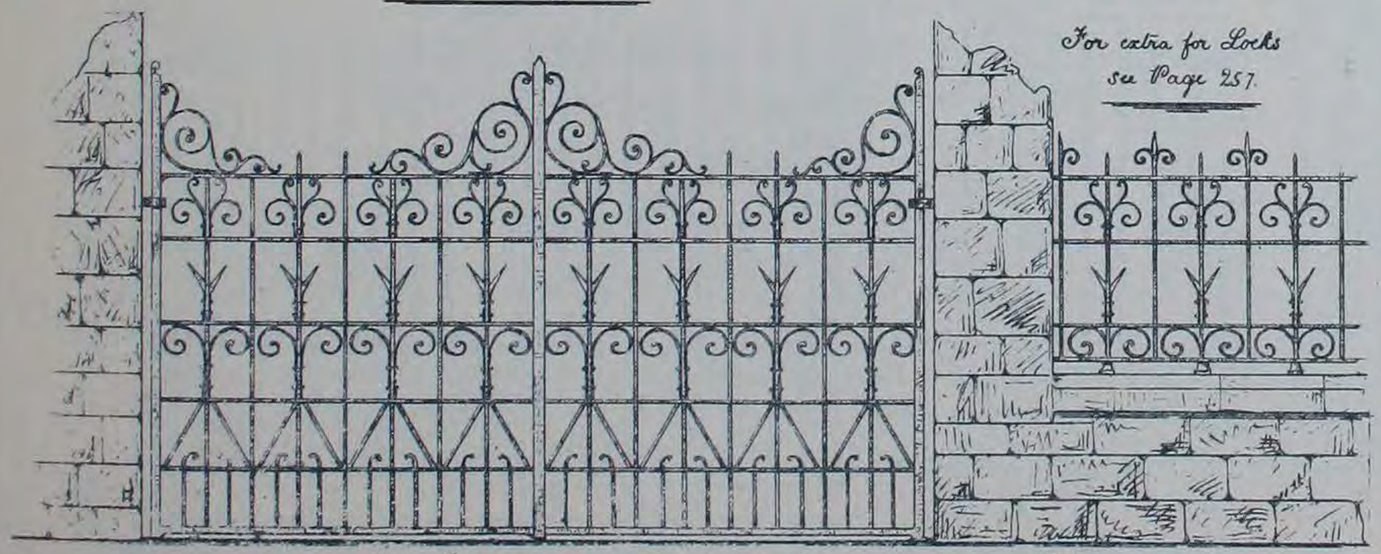
N° F 282. Cast Heads. 9'6" x 5'3" £15.0.0 Pair
Do ------ 7'0" x 5'0" £11.0.0 ---

Railing 2 6" high 16/- per yard



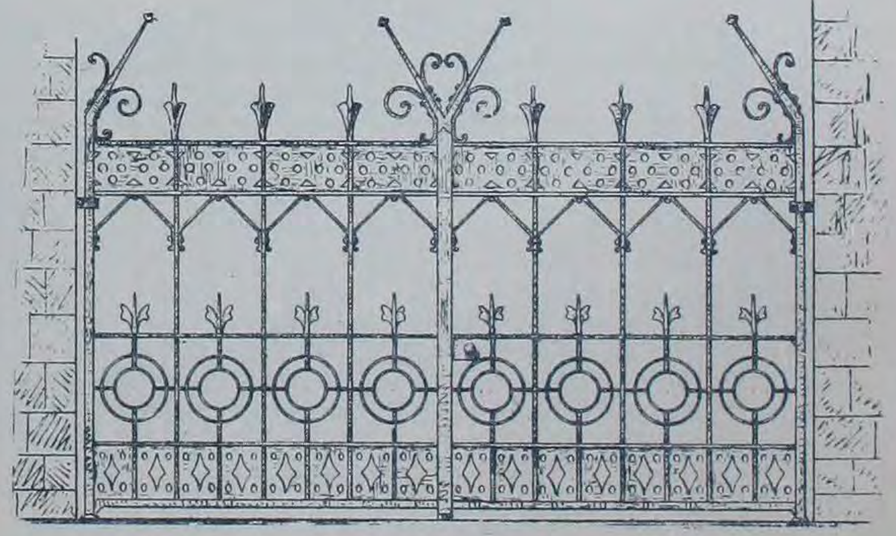
N° F 283. 9'0" x 5'6". £23.0.0 Pair.

For extra for Locks see Page 257.



N° F 284. Solid Forged Heads. 9'9" x 5'6" £14.10.0 Pair.

Railing 3'0" high 36/- per yard

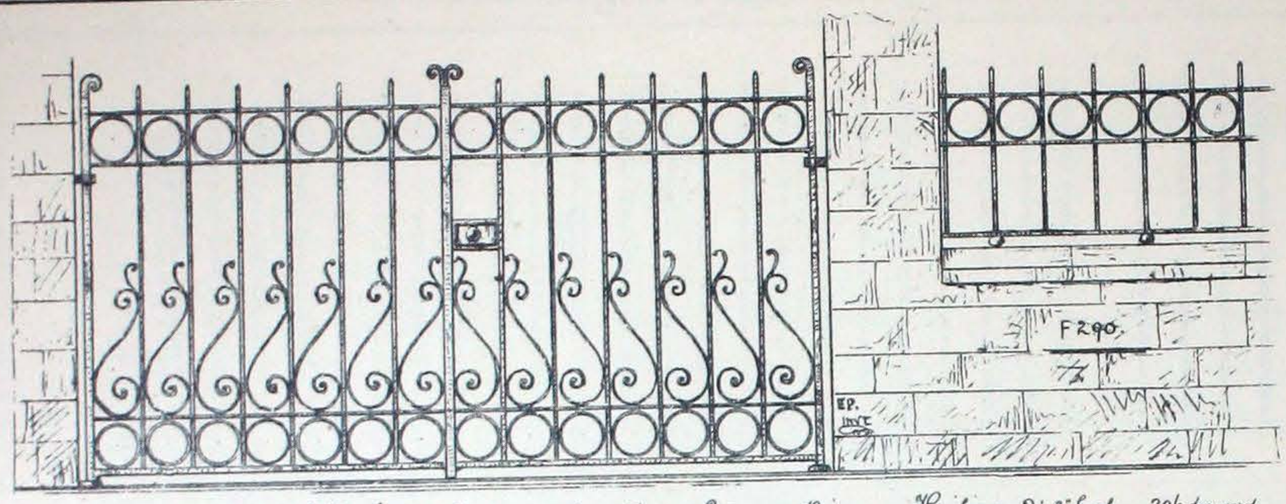


N° F 285. Solid Forged Heads. 9'0" x 6'3" £17.10.0 Pair.

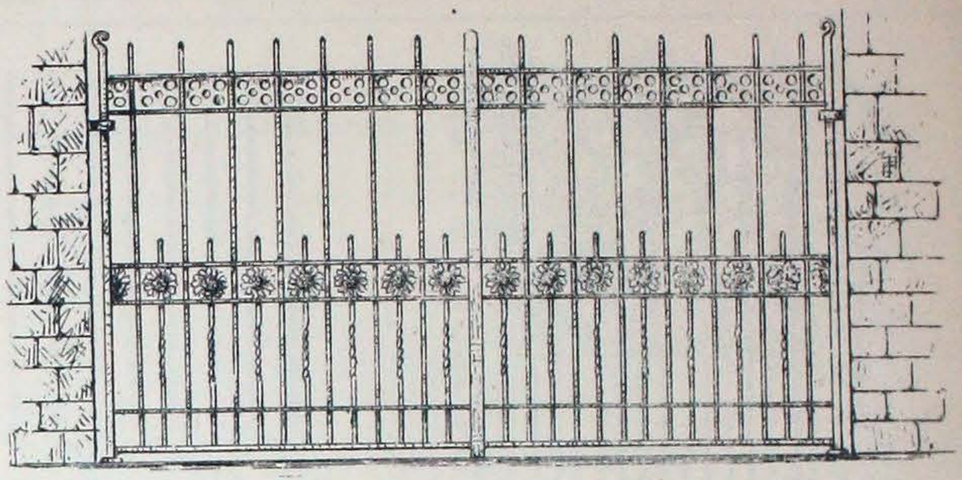
When sizes are not stated prices are to scale of ⅜-in. = 1-ft., but can be made to any size.

Special prices for large quantities on receipt of specification.

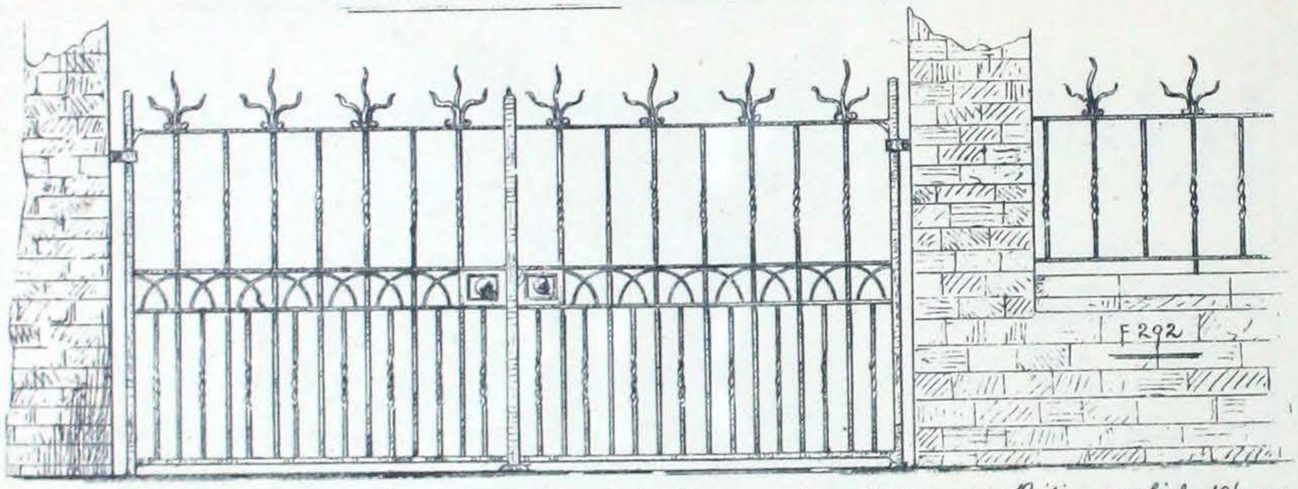
Wrot Iron Entrance Gates and Railings.



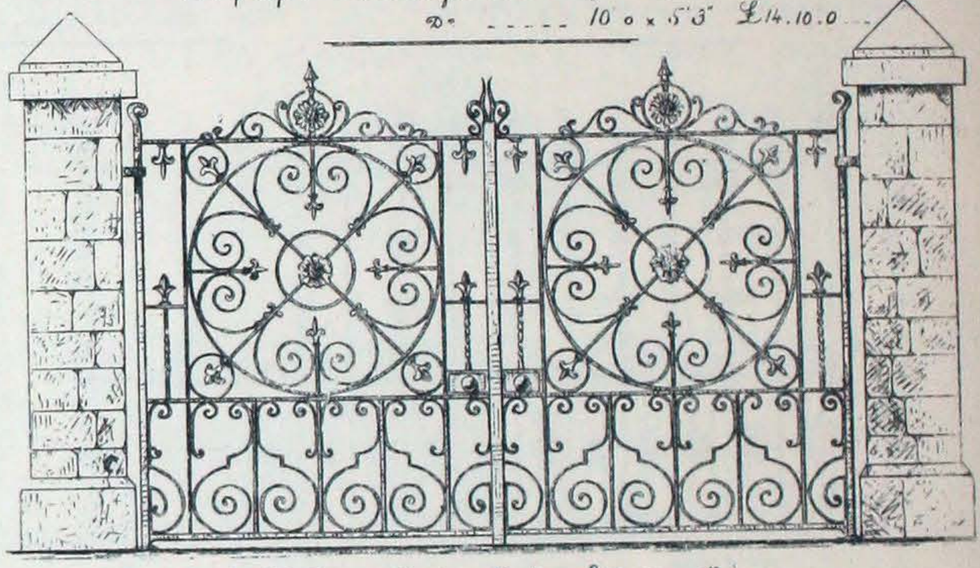
N° F290. Solid Forged Heads. 9'0" x 5'0" £11.10.0 Pair. Railing 2'3" high. 20/- per yard.
Do ------ 6'0" x 4'6" £7.10.0 ---



N° F291. Solid Forged Heads. 9'0" x 5'8" £13.10.0 Pair.
Do ----- 10'0" x 5'3" £14.10.0 ---

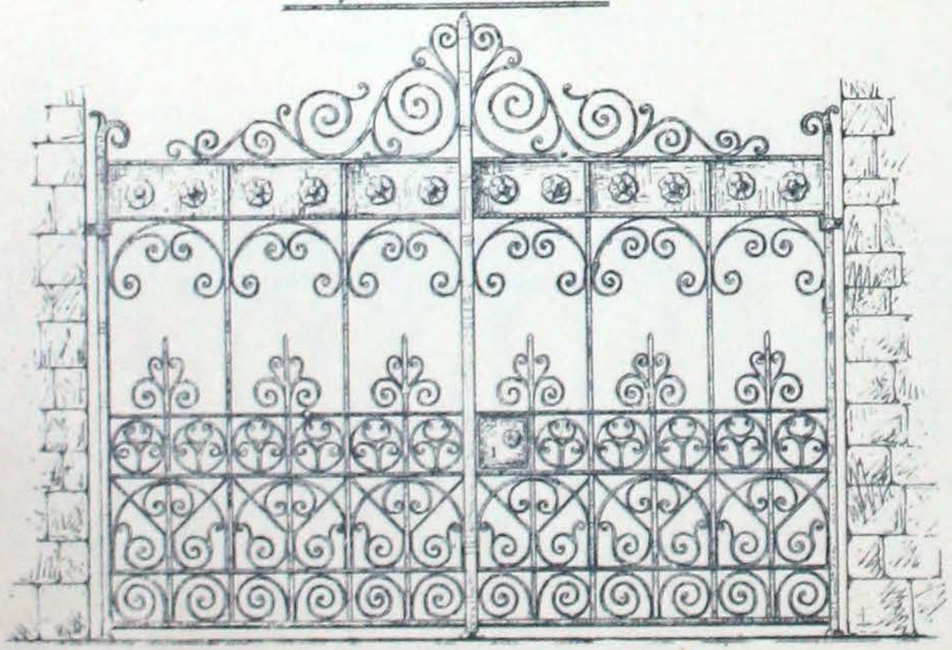


N° F292. Solid Forged Heads 9'0" x 5'0" £13.0.0. 10'0" x 5'0" £14.0.0 Pair. Railing 2'9" high 19/- yard.

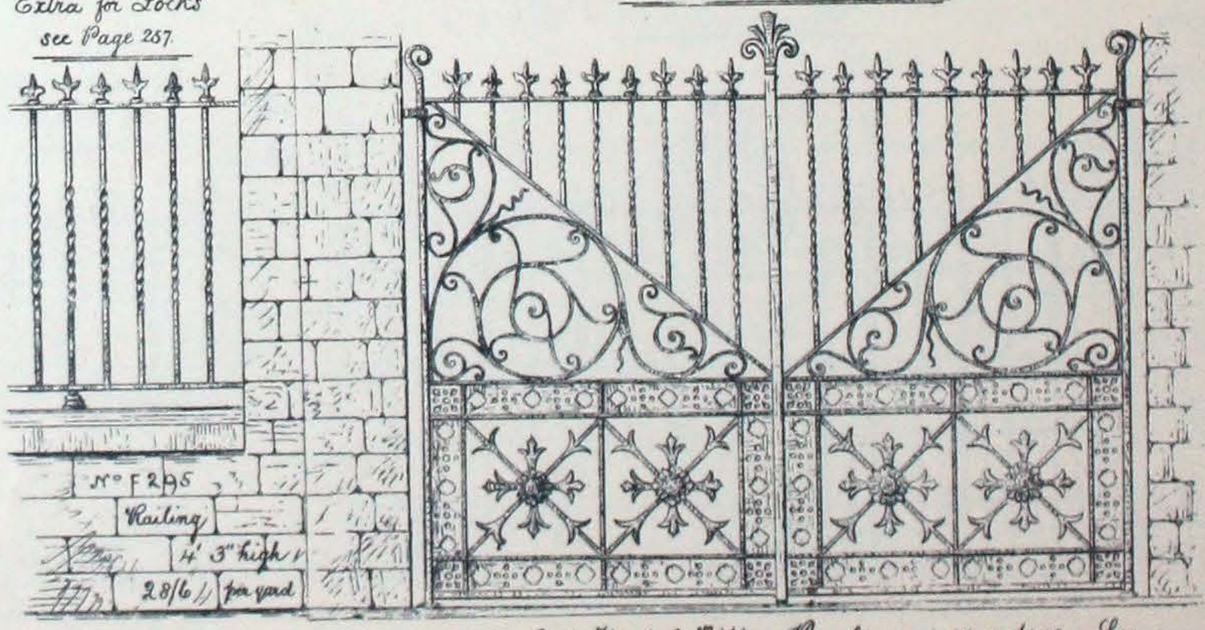


N° F293. 9'0" x 6'0" £15.10.0 Pair.

Extra for Locks
see Page 257

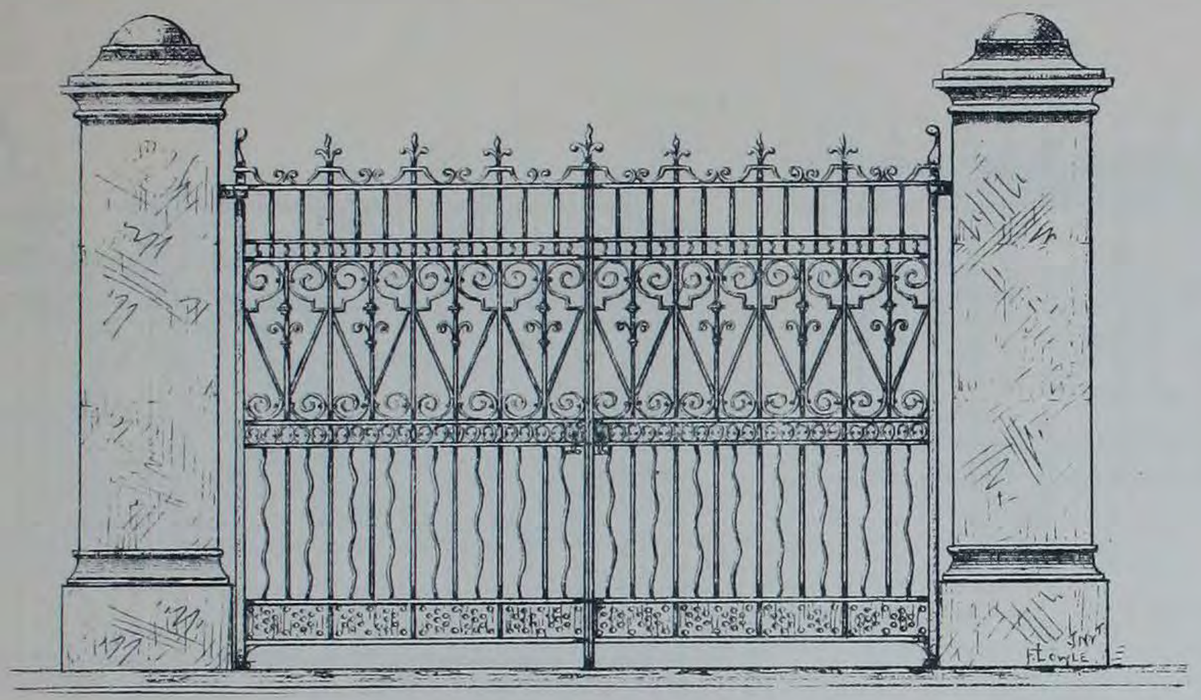


N° F294. 9'0" x 7'6" £25.0.0 Pair

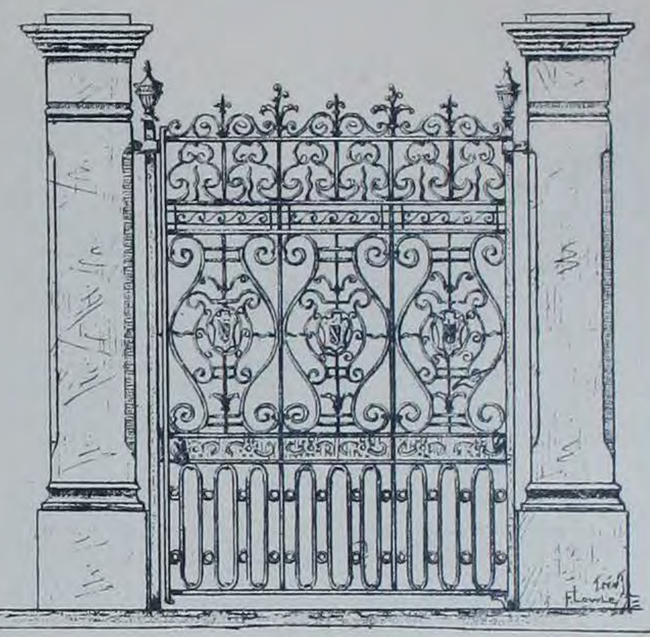


N° F295 Cast Heads & Bottom Panels - 9'0" x 6'9" £26.0.0 Pair

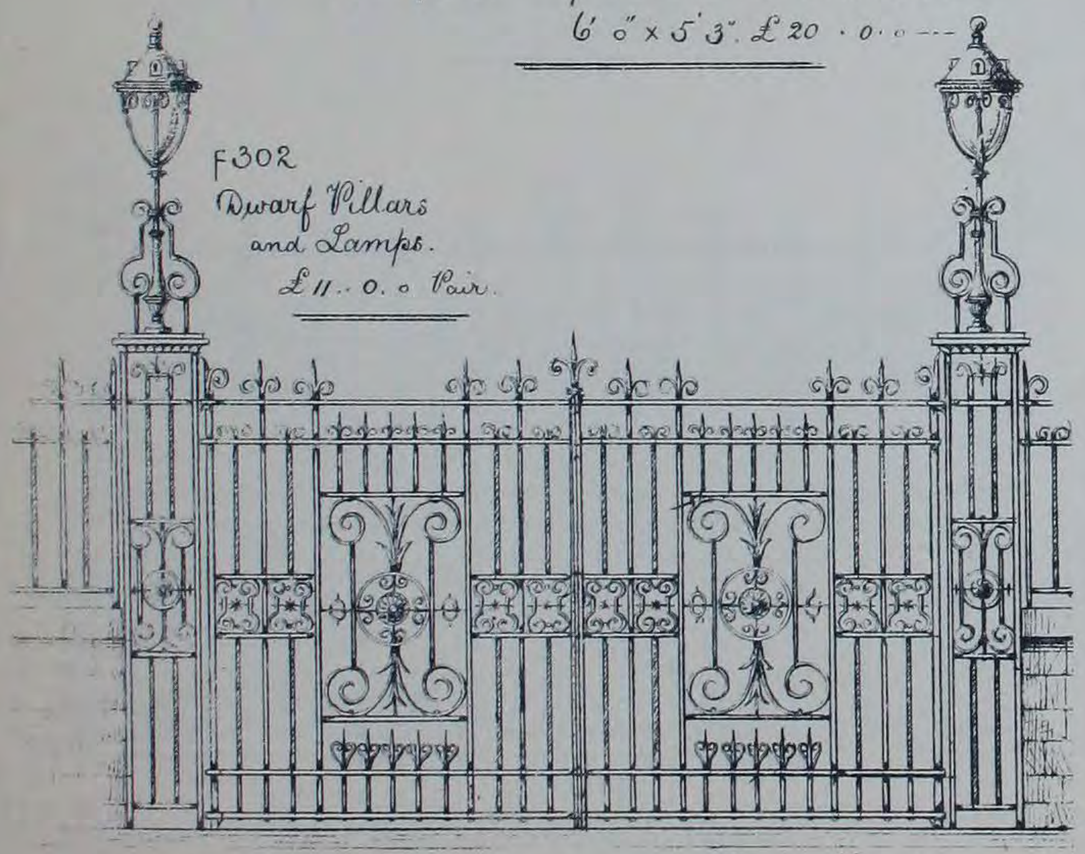
When sizes are not stated prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*



N° F 300. 9' 0" x 6' 6" £27 . 10 . 0 Pair
6' 0" x 5' 3" £20 . 0 . 0 ---

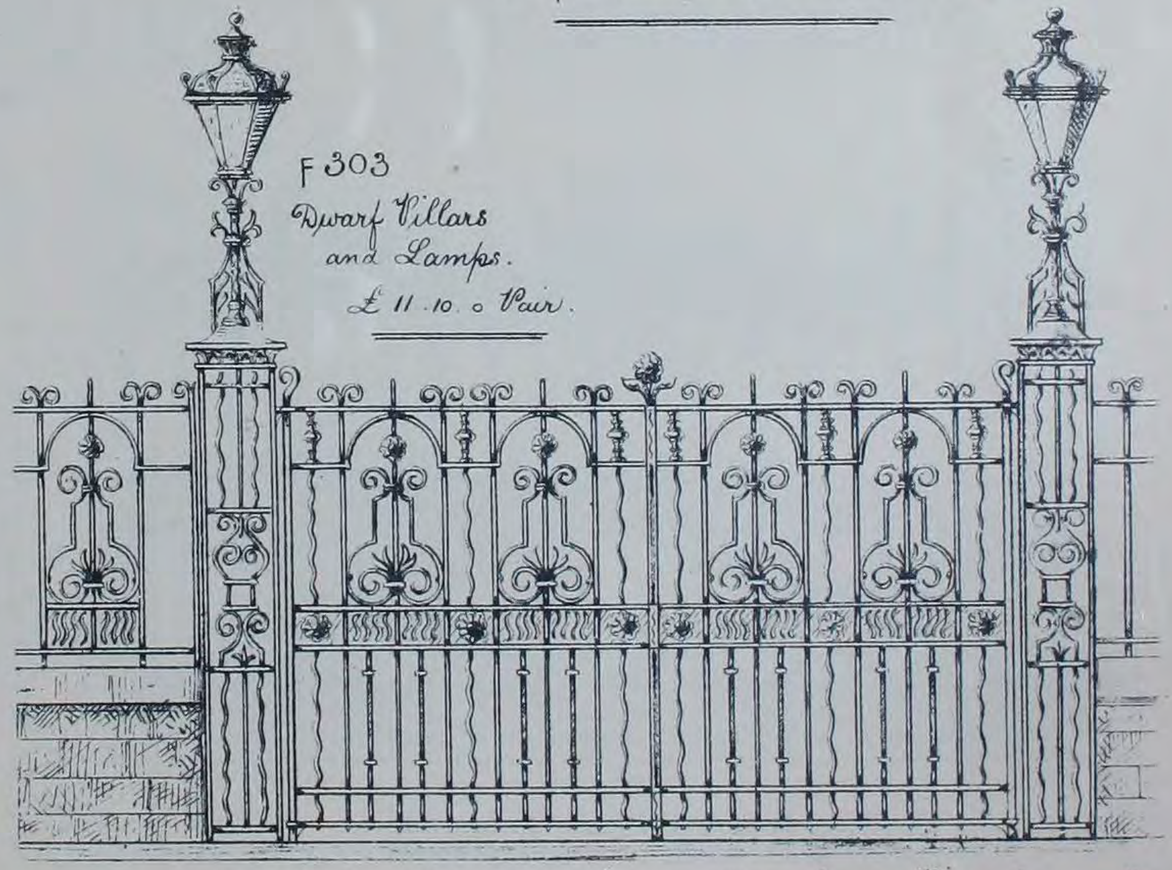


N° F 301. 4' 6" x 6' 3" £24 . 0 . 0 each



F 302
Dwarf Pillars
and Lamps.
£11 . 0 . 0 Pair.

N° F 302. 9' 0" x 5' 6" £20 . 0 . 0 Pair — Square Piers £11 . 10 . 0 Pair

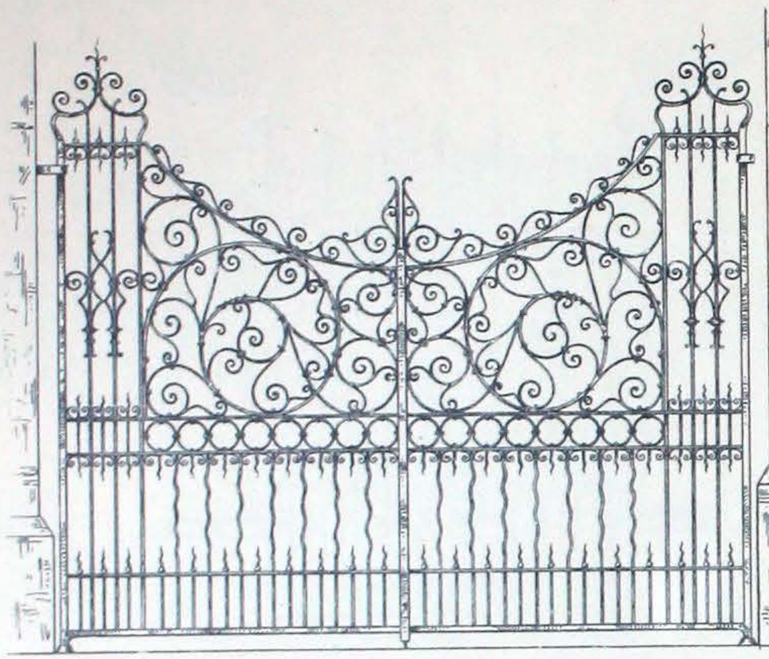


F 303
Dwarf Pillars
and Lamps.
£11 . 10 . 0 Pair.

N° F 303. 9' 0" x 5 x 6" £21 . 0 . 0 Pair - Square Piers £12 . 15 . 0 Pair.

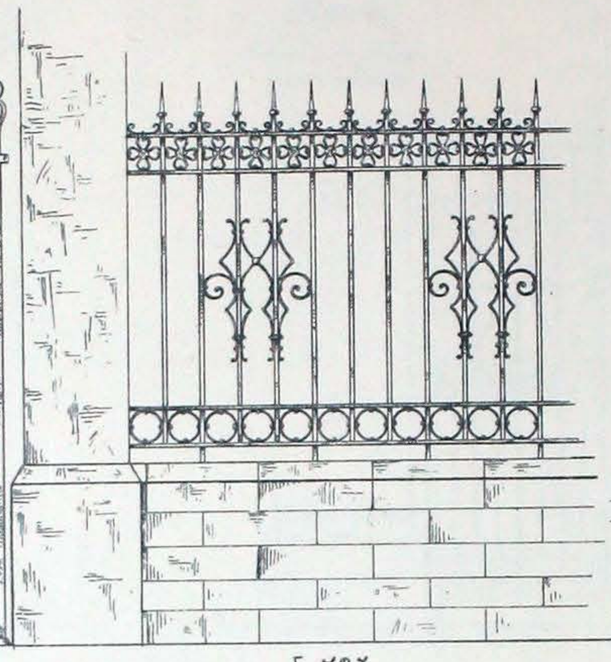
When sizes are not stated prices are to scale of $\frac{3}{8}$-in. = 1 ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*

Wrot Iron Entrance Gates and Railings.



N° F. 726

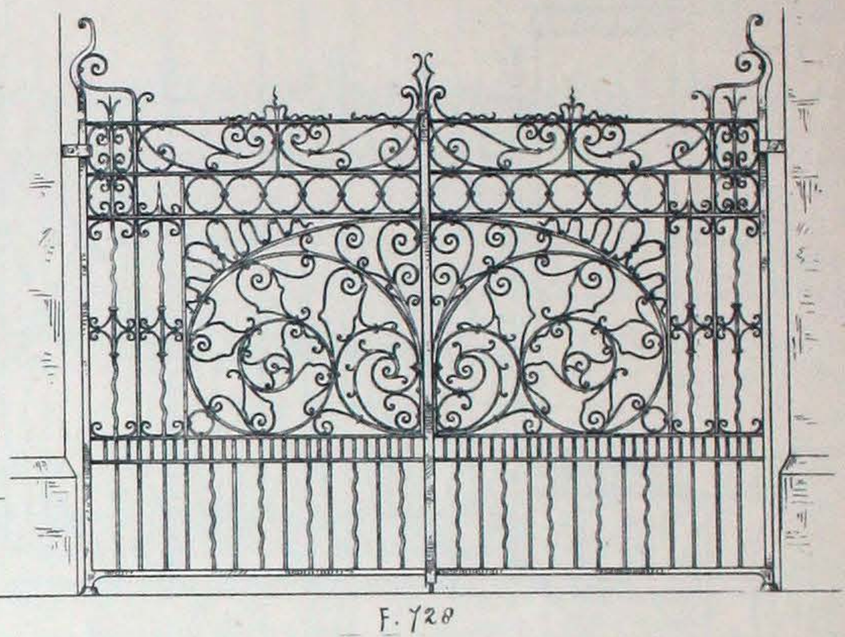
Pair Entrance Gates 9' 0" wide x 8' 0" high £33. 10. 0



F. 727

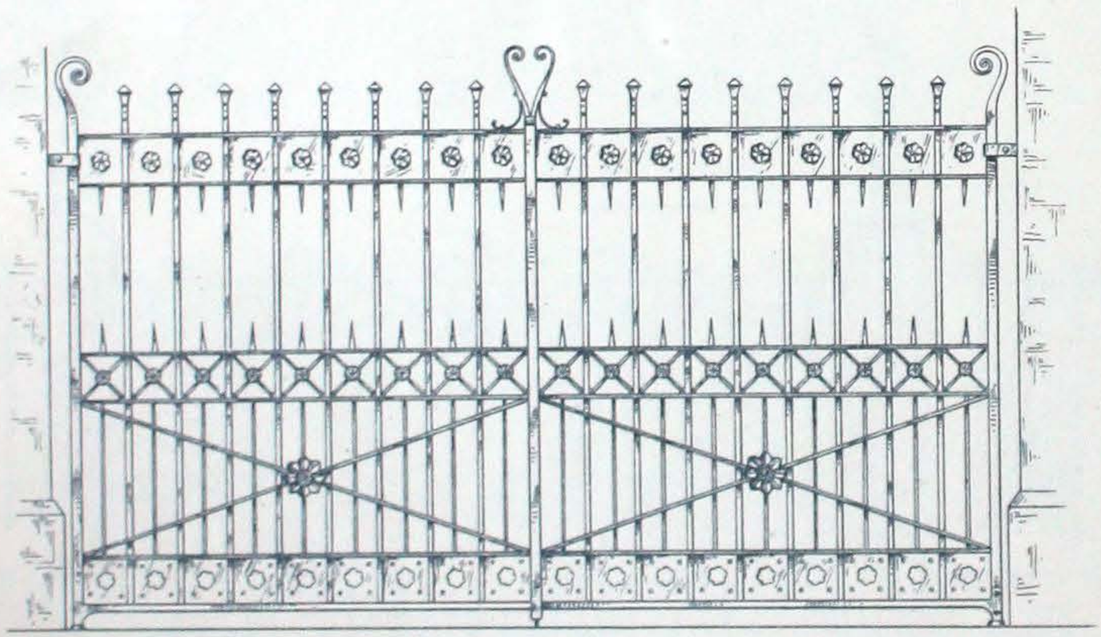
Railing 4' 9" high. 4/3 per yard.

For rates for Locks see page 257.



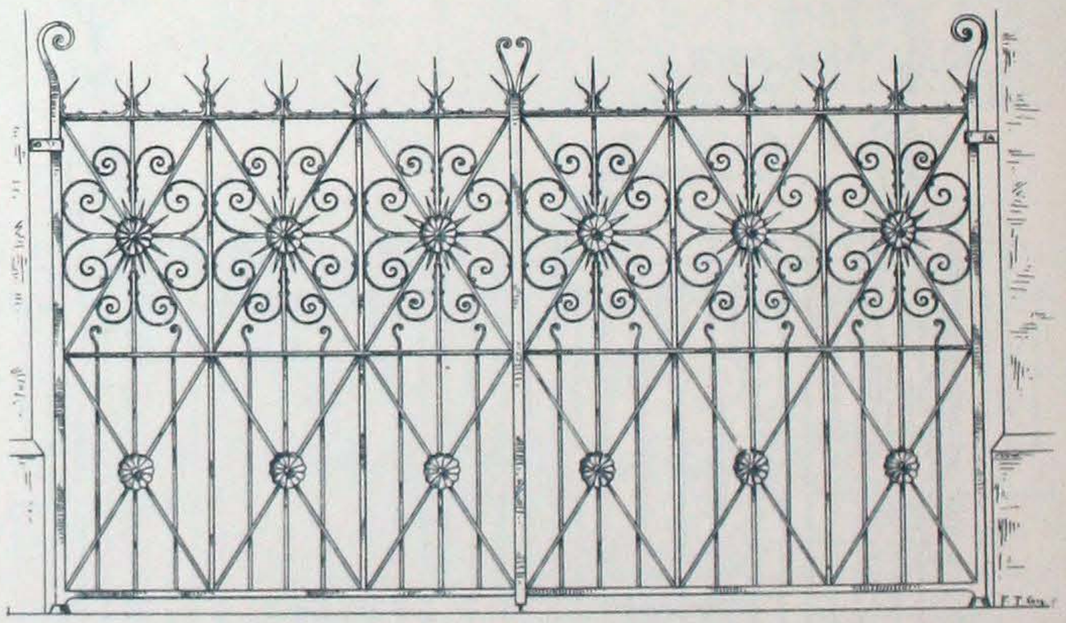
F. 728

Pair Entrance Gates 9' 0" wide x 6' 6" high £39. 10. 0



F. 729.

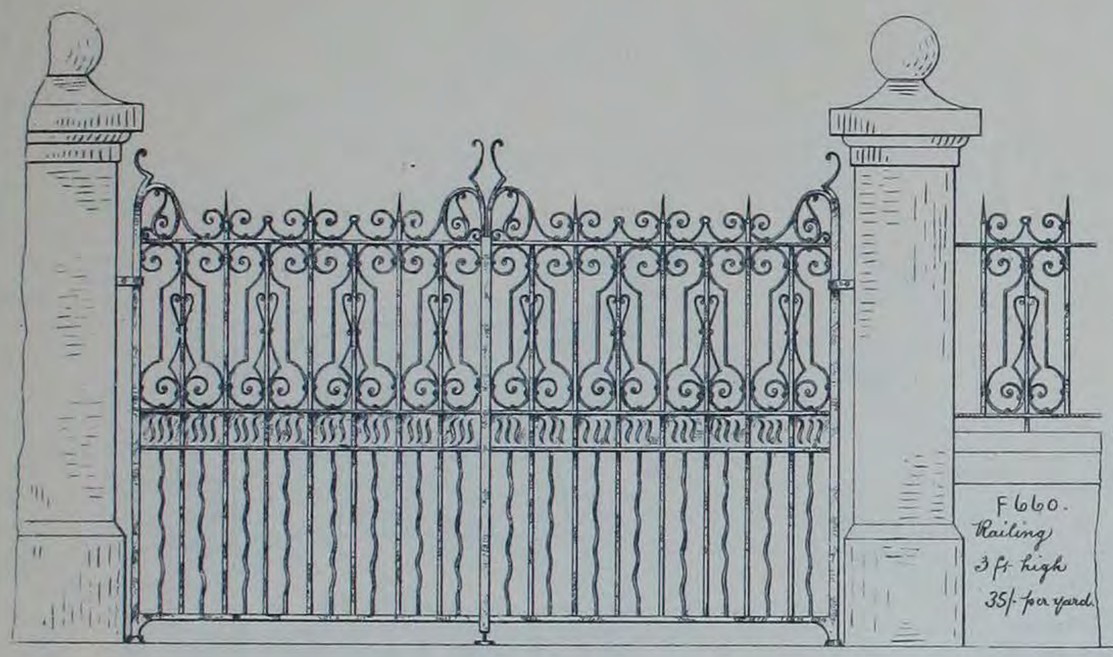
Pair Entrance Gates. 12' 0" wide x 7' 0" high £26. 10. 0



F. 730

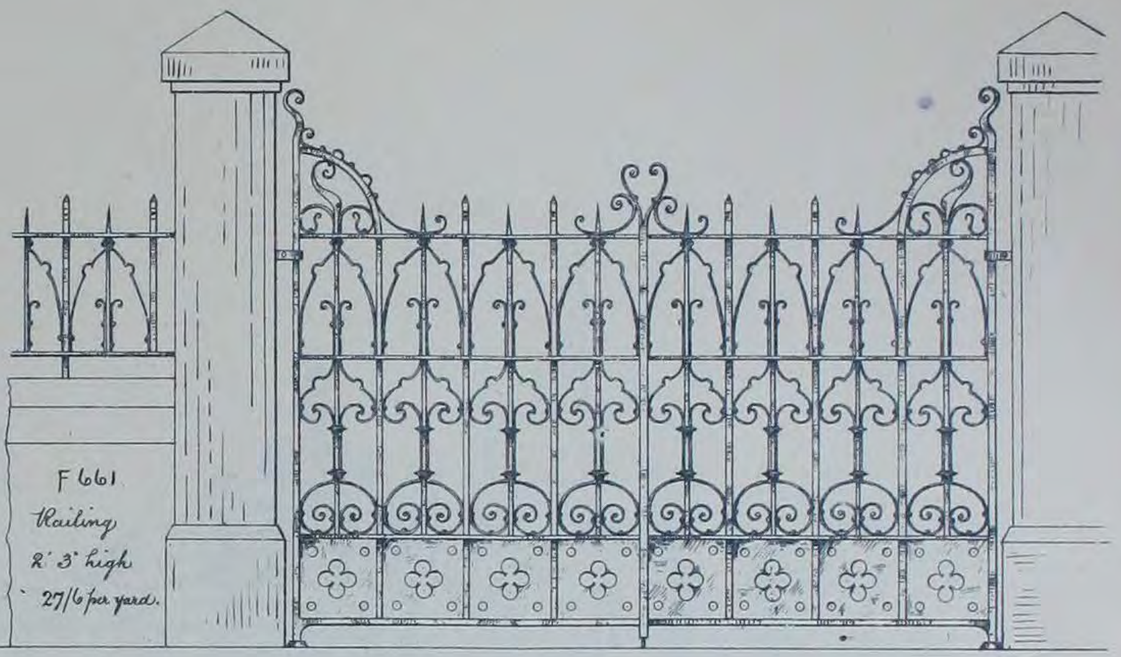
Pair Entrance Gates. 12' 0" wide x 7' 0" high £21. 0. 0

When sizes are not stated, prices are to scale of ⅜-in. = 1-ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*



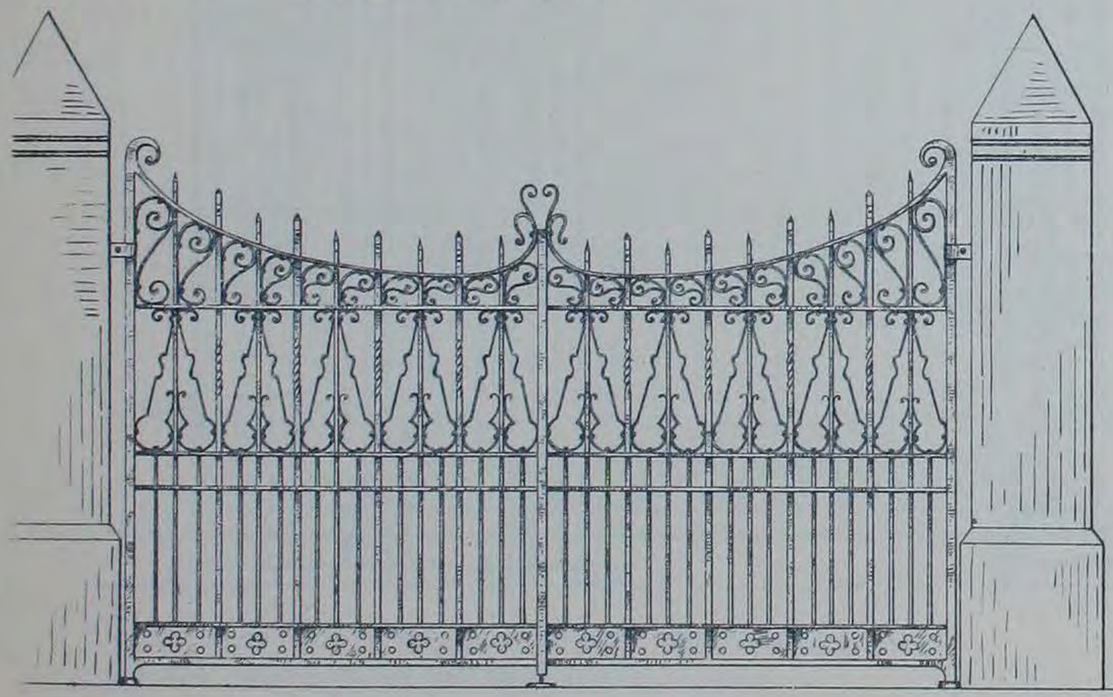
F 660.

Pair Entrance Gates 9' 0" x 5' 6" £14. 10. 0.



F 661.

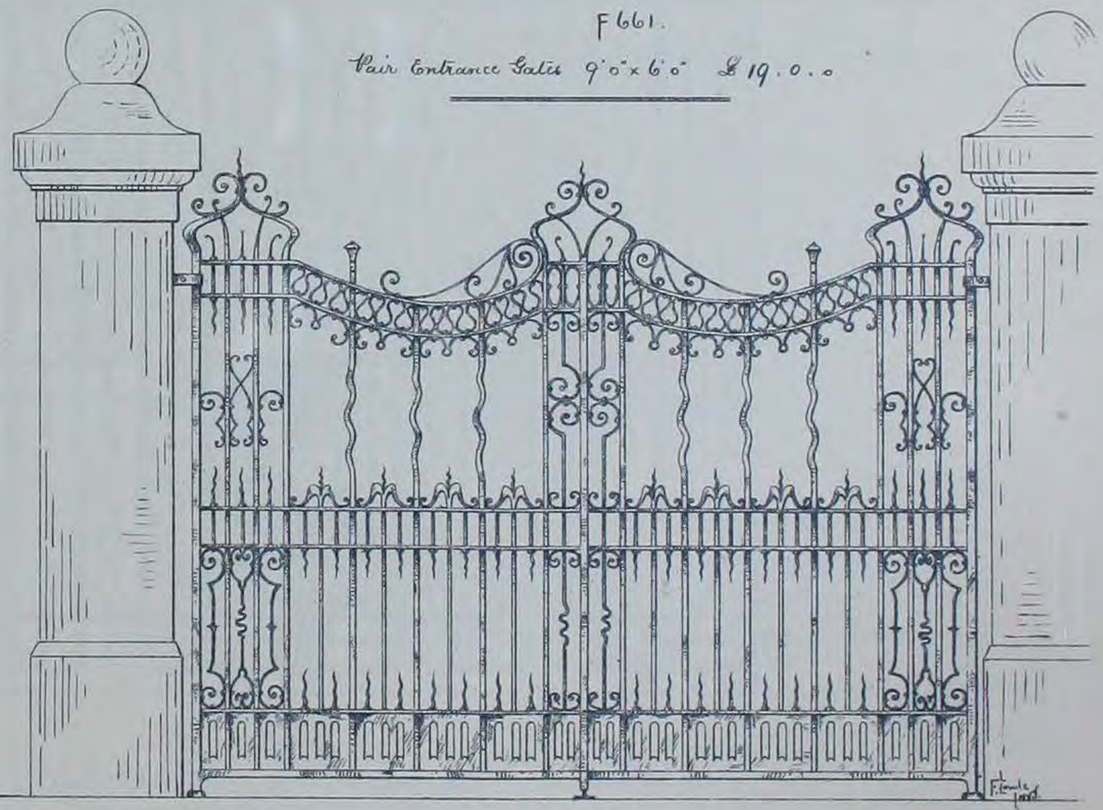
Pair Entrance Gates 9' 0" x 6' 0" £19. 0. 0



F 662.

Pair Entrance Gates 10' 6" x 6' 0" £26. 0. 0.

For extras for Locks see page 257

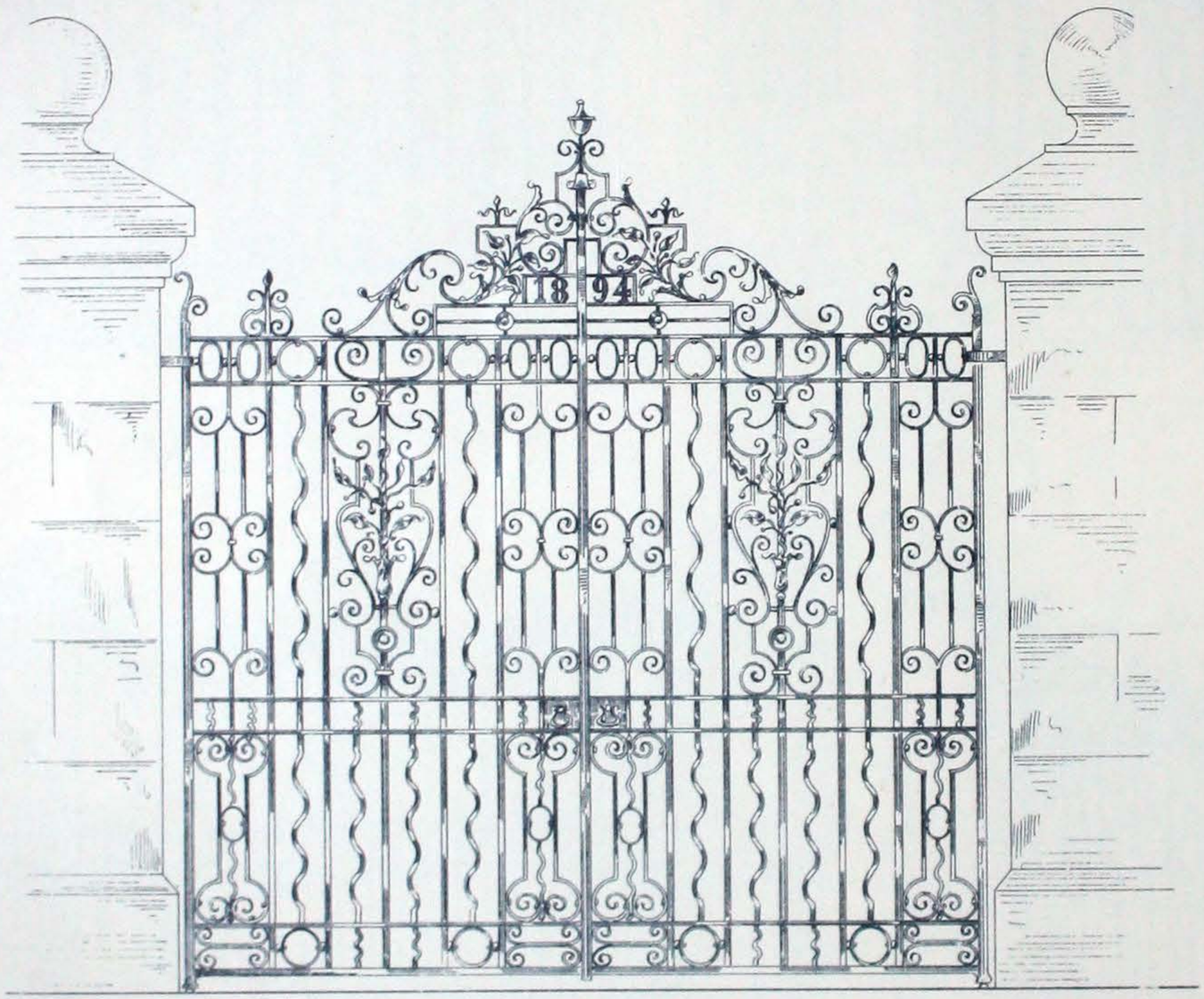


F 663.

Pair Entrance Gates 10' 0" x 7' 6" £35. 0. 0.

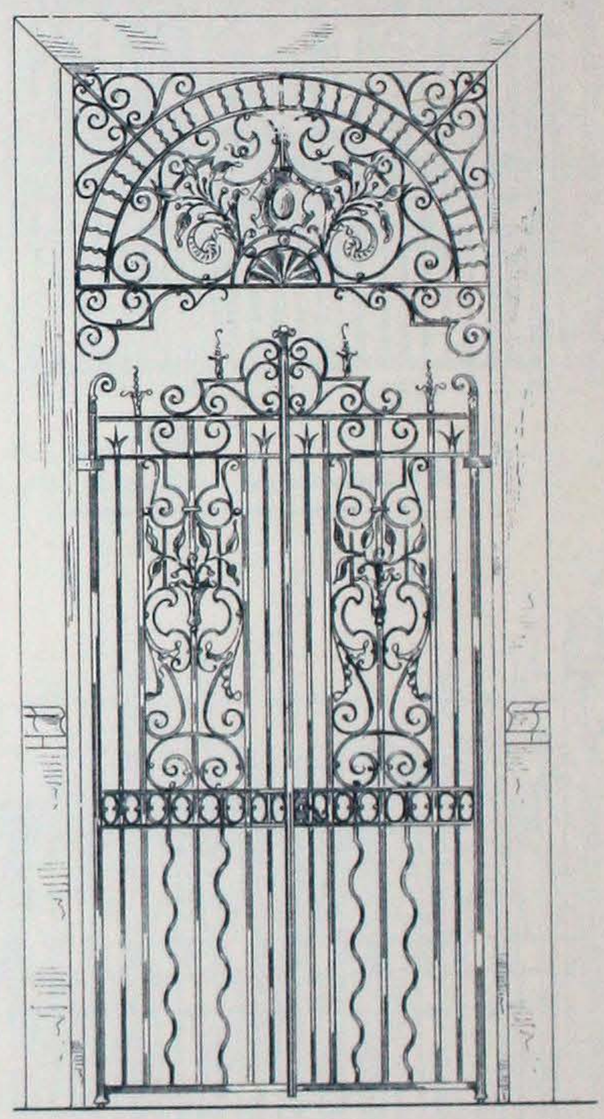
When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Wrot Iron Entrance Gates.



F 309.

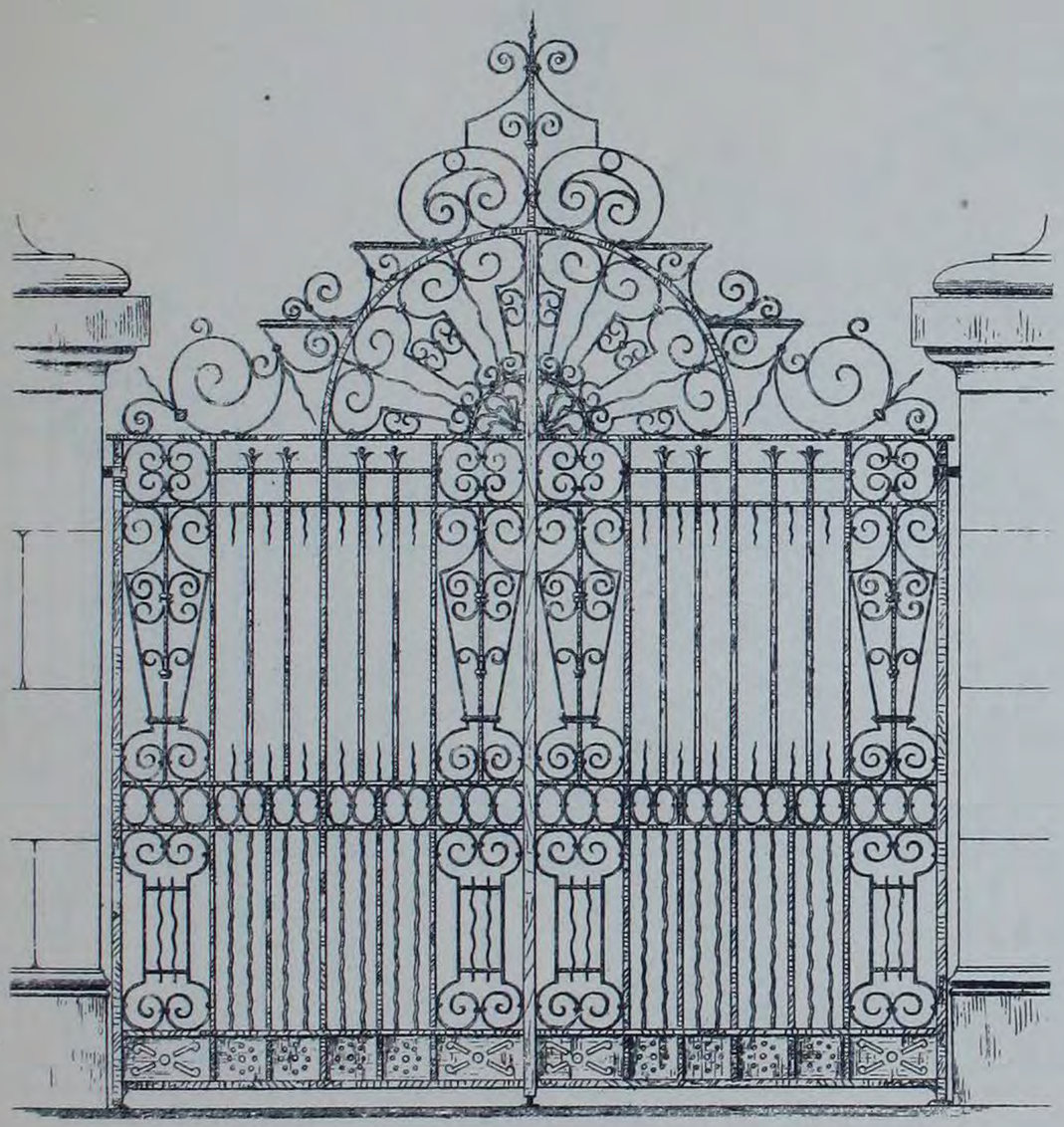
Pair Entrance Gates 11 ft x 12 ft high. £ 70.0.0



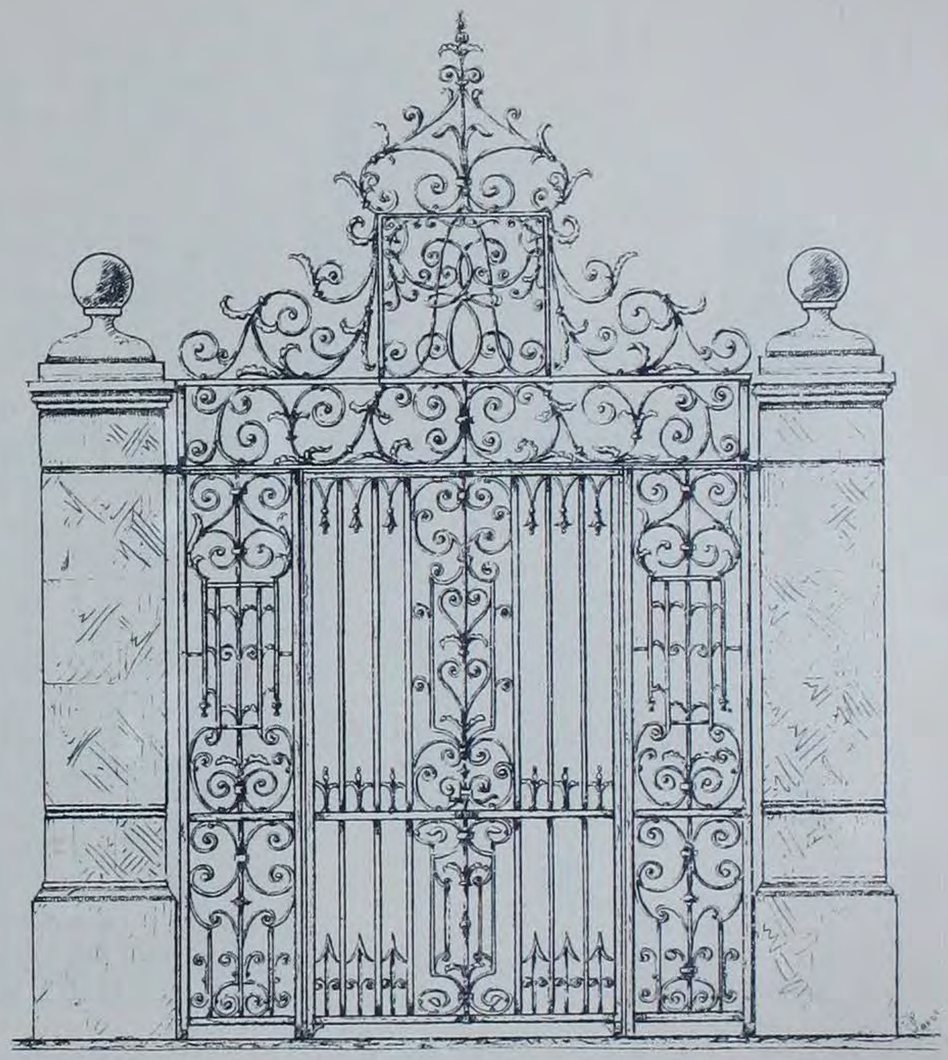
F 310

Pair Doorway Gates with Head Grille. £ 31.10.0

When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.



F 311.
Pair Entrance Gates £64. 0. 0

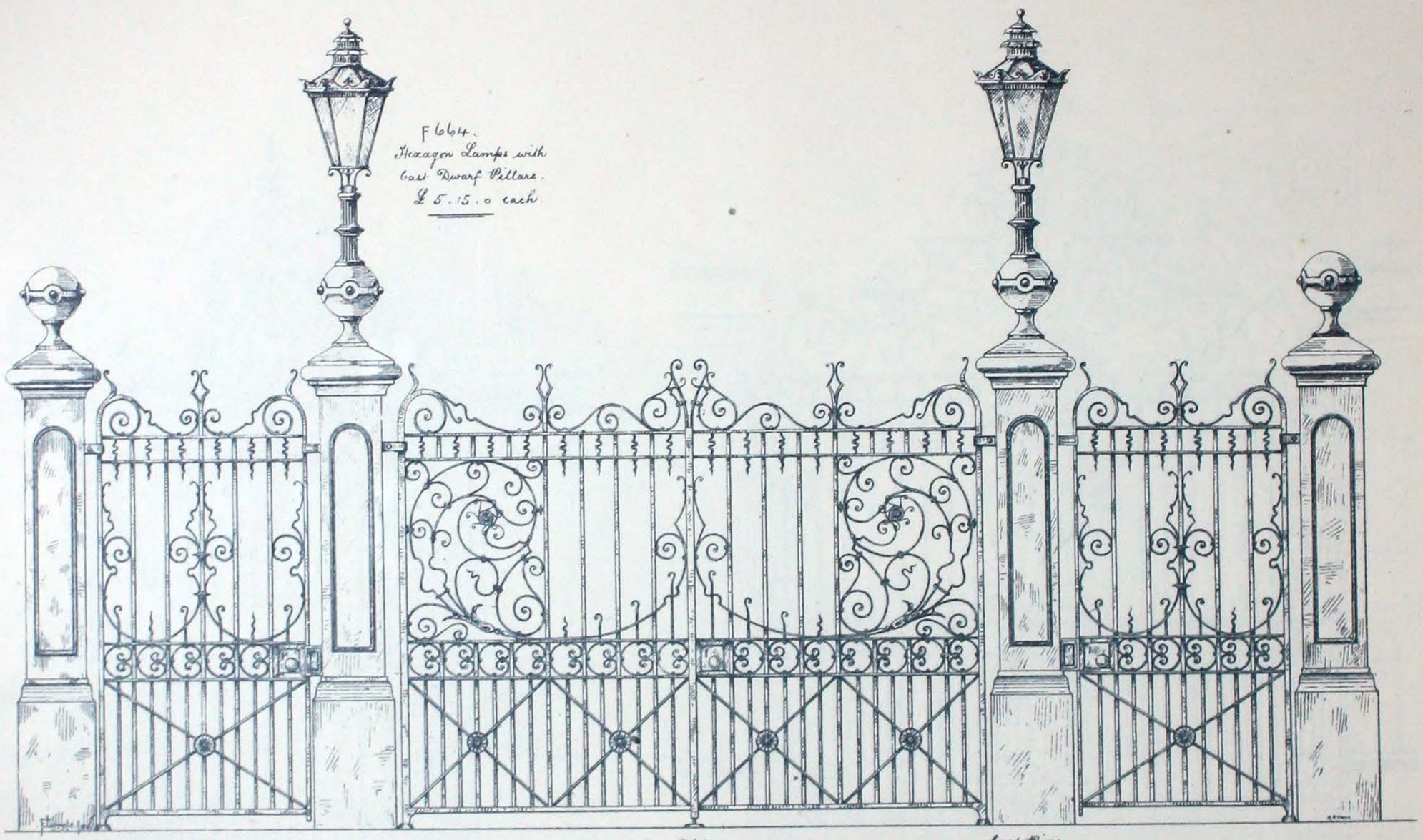


F 306.
Single Gate with Pilasters & Head. £70 to £80.

When sizes are not stated, prices are to scale of $\frac{3}{8}$ in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Wrot Iron Entrance Gates.

F 6614.
Hexagon Lamps with
cast Dwarf Pillars.
£ 5.15.0 each



F 6614.
Single Gate 14ft x 8ft. £ 14.10.0

F 6614.
Pair Wrot Entrance Gates 10'6" x 8'0". £ 42.10.0

Cast Piers
£ 33.0.0 pa Pair.

When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*



F 312.

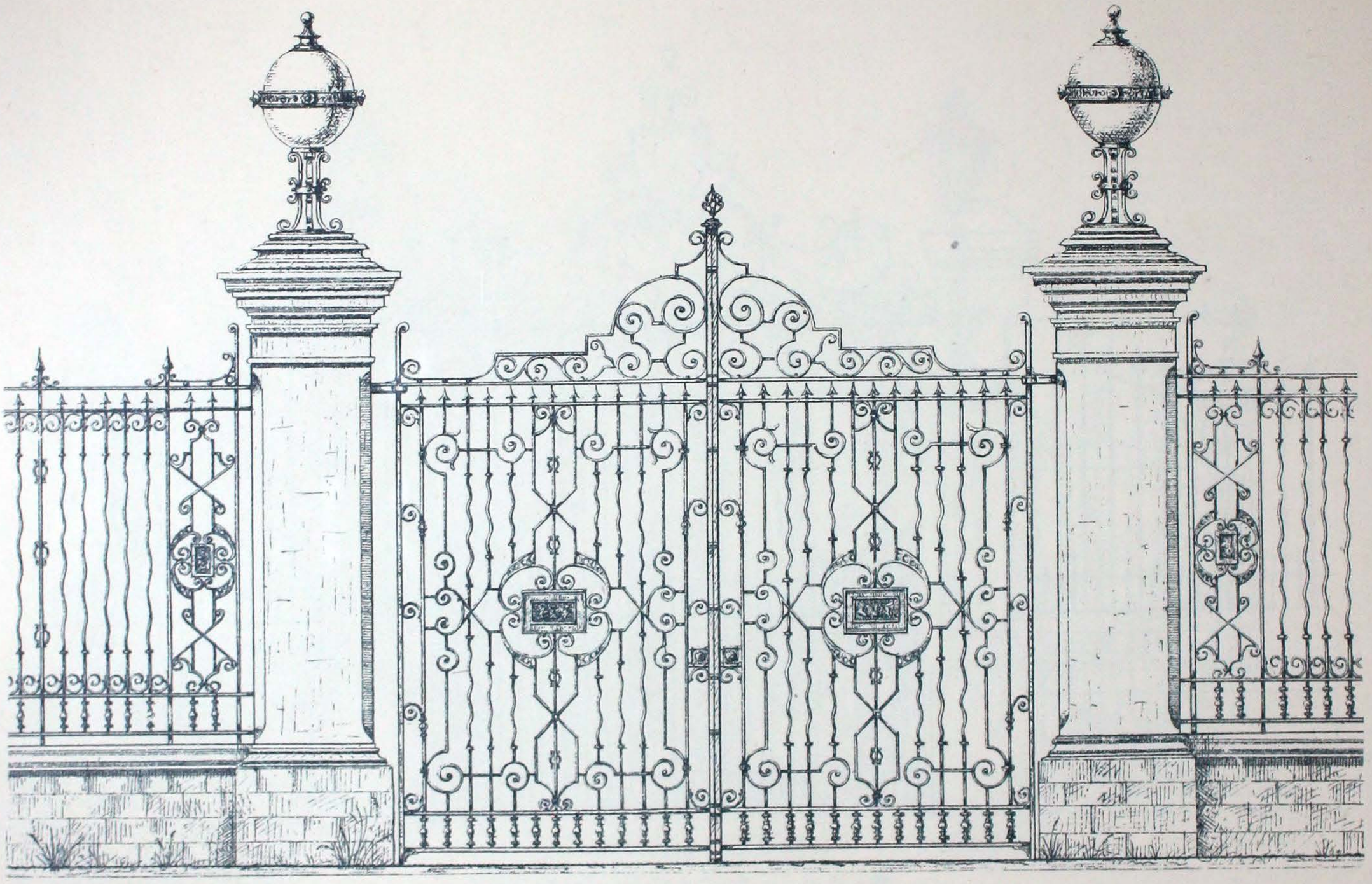
Pair Entrance Gates 10ft wide with Transom Head.

£90 to £100

Railing 5'6" high with Pilasters 6 feet apart. 21/- per foot.

When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Wrot Iron Entrance Gates and Railings.

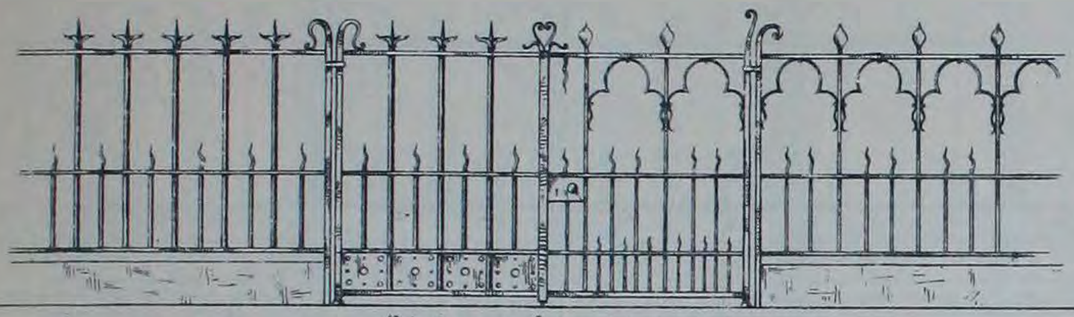


F 308.

Pair Entrance Gates 12ft wide £70 to £80 Pair.

When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1-ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*

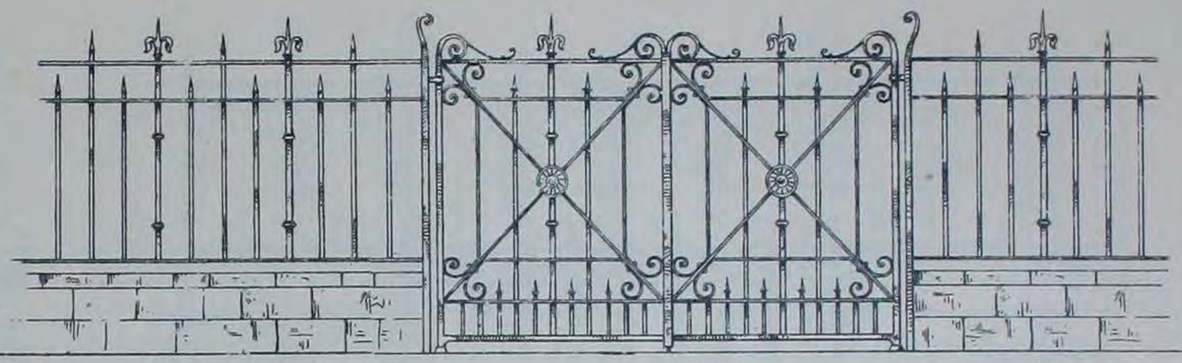
Wrot Iron Porch and Entrance Gates.



Railing for F 731
3 ft high. 17/- per yard.

Pair Entrance Gates 5' 3" x 3' 6" high
N° F 731 £5.5.0 N° F 732. £5.12.0 per Pair

Railing F 732.
3 ft high 21/- per yard.

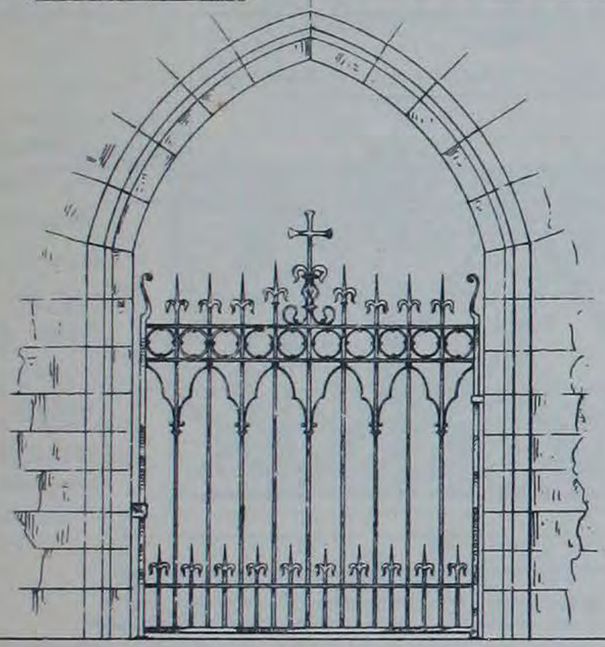


Railing 3 ft high 18/6 per yard.

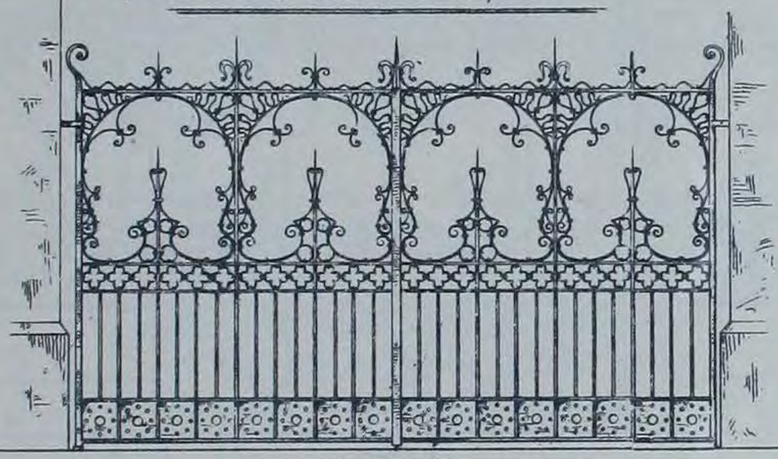
N° F 733.
Pair Entrance Gates. 6' 0" x 4' 0" high £7.16.0

Standards and Stays for Pair of Gates F 731. F 732. F 733 9/- per Pair
D°. for Railings do . . 3/6 each.

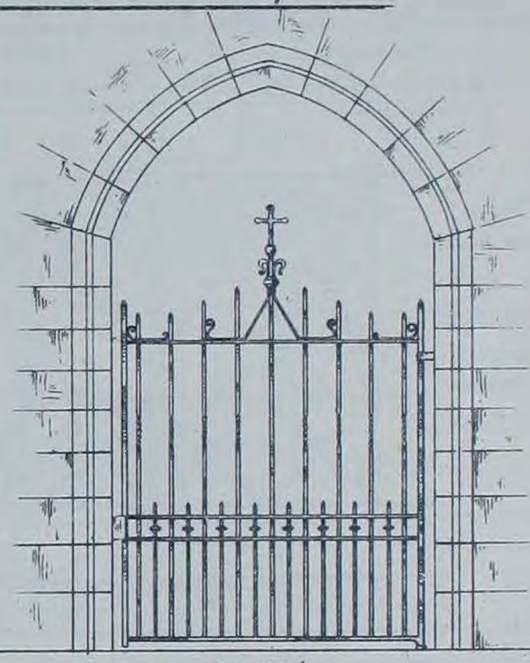
All Gates are priced with Latch and Hangings for Stone or Wood Piers, if fitted with Brass Bolt Lock & Latch with Knobs 16/- extra.



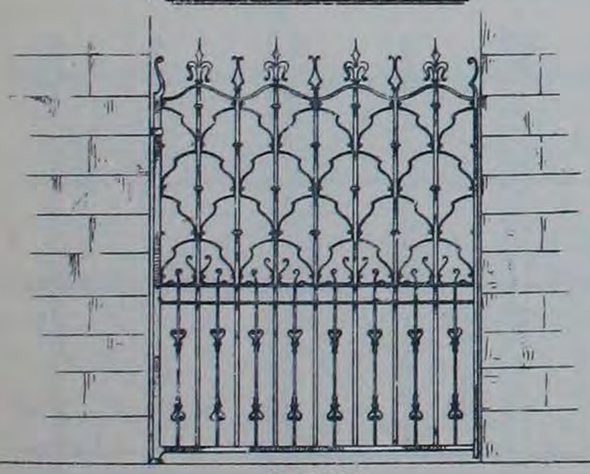
N° F 734
Single Porch Gate 4' 3" x 4' 6" high £8.10.0



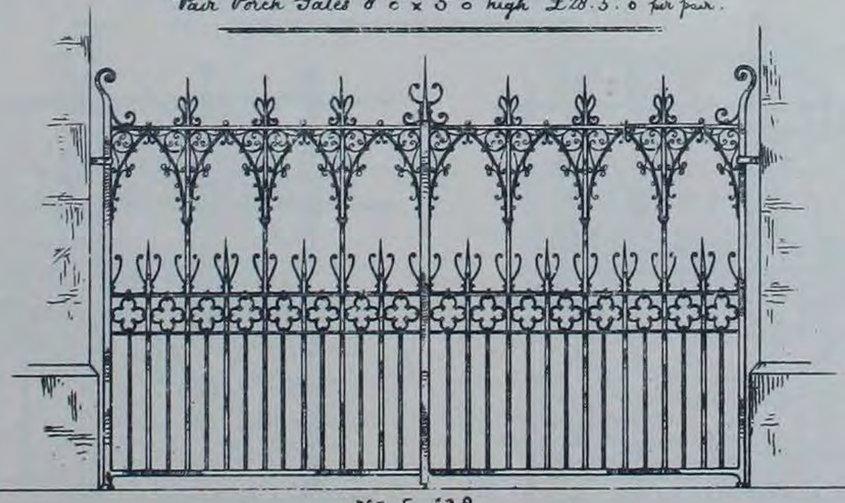
N° F 735.
Pair Porch Gates 8' 0" x 5' 0" high £28.5.0 per pair.



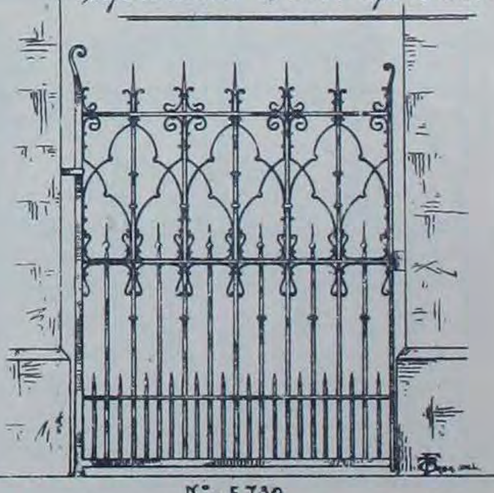
N° F 736.
Single Porch Gates 4' 0" x 4' 6" high £5.10.0.



N° F 737
Single Porch Gate 4' 0" x 5' 0" high £11.5.0



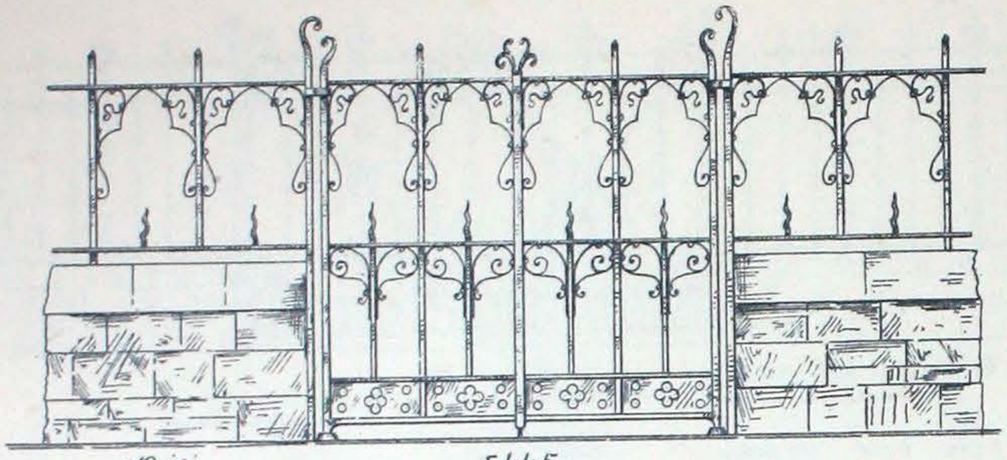
N° F 738
Pair Porch Gates 8' 0" x 5' 0" high £25.0.0 per pair



N° F 739.
Single Porch Gate 4' 0" x 5' 0" high £8.18.0

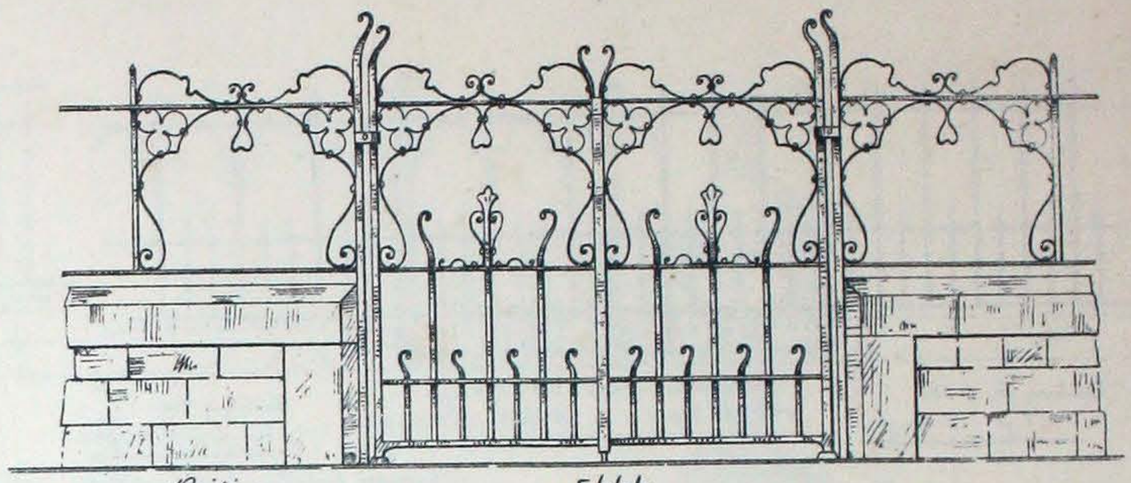
When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any dimensions. Prices for special sizes on receipt of requirements.

Chancel Gates and Railings.



Railing
2 ft high. 10/6 per ft.

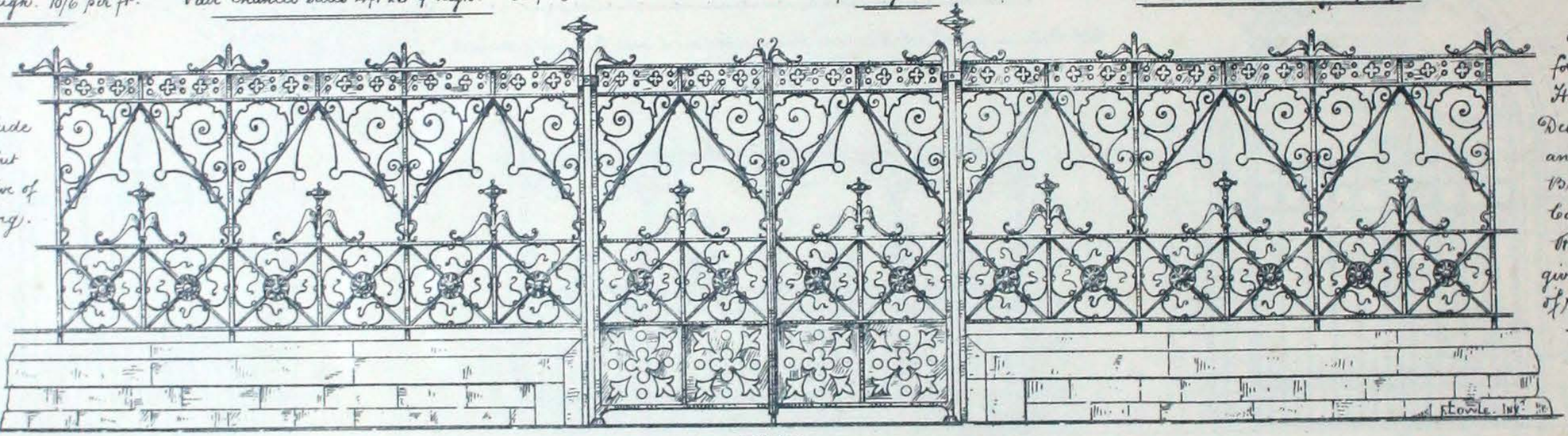
F665.
Pair Chancel Gates 4ft×3'9" high £7.5.0



Railing
2 feet high. 9/- per ft.

F666.
Pair Chancel Gates 4'6"×3'9" high. £6.7.0

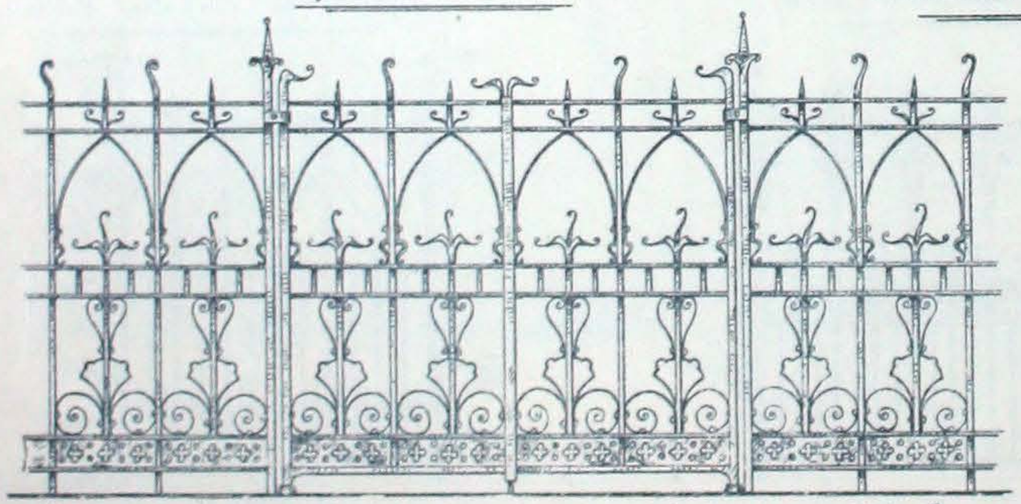
Prices given include Latches but are exclusive of Decorating.



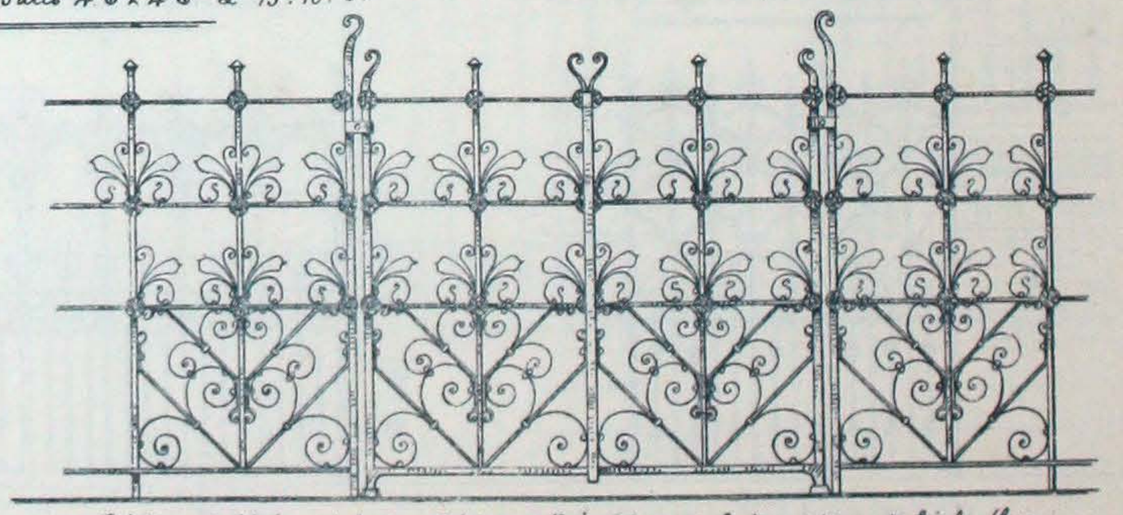
Extras for Locks Handles & Decorating, and for Brass or Copper Reliefs given on receipt of requirements

Railing 3'6" high. 40/- per foot

F667.
Pair Chancel Gates 4'6"×4'6" £15.10.0



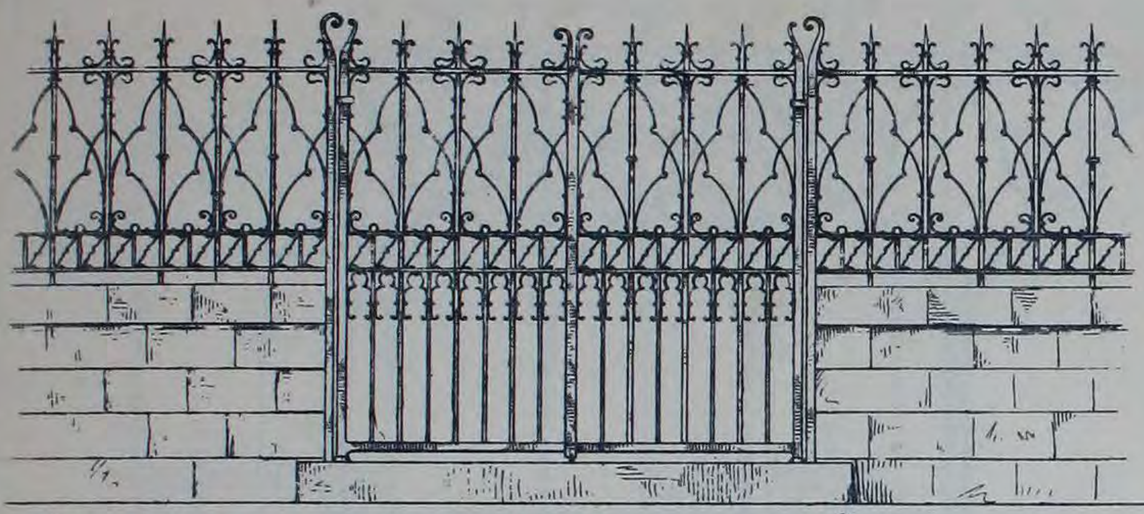
Railing 4ft high. 38/- per ft. F668. Pair Chancel Gates 4'6"×4ft high. £10.10.0.



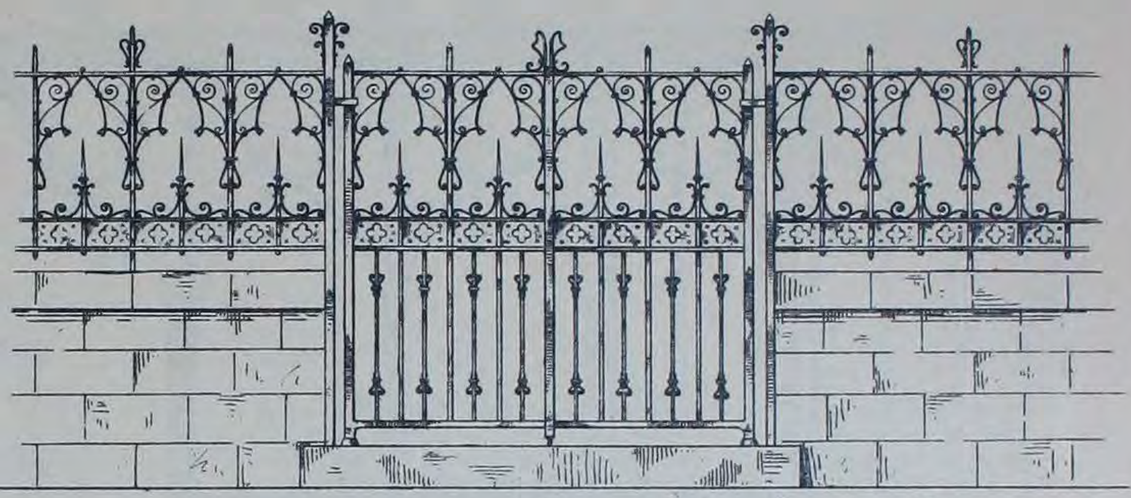
Railing 4ft high. 38/- per ft. F669. Pair Chancel Gates 4'6"×4ft high. £10.10.0

When sizes are not stated, prices are to scale of ½-in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Chancel Gates and Railings.



Railing 2' 4" high 29/- per foot.

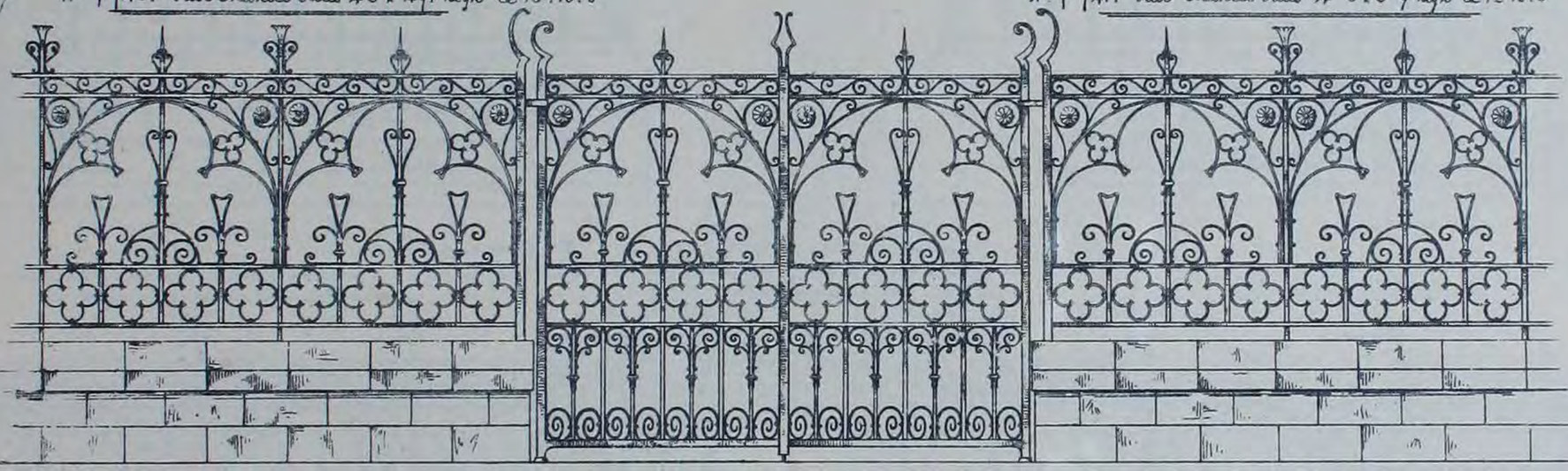


No F 740. Pair Chancel Gates 4'6" x 4 ft high £13.10.0

No F 741. Pair Chancel Gates 4' 0" x 3' 9" high £12.10.0

Railing 2' 3" high 30/- per foot.

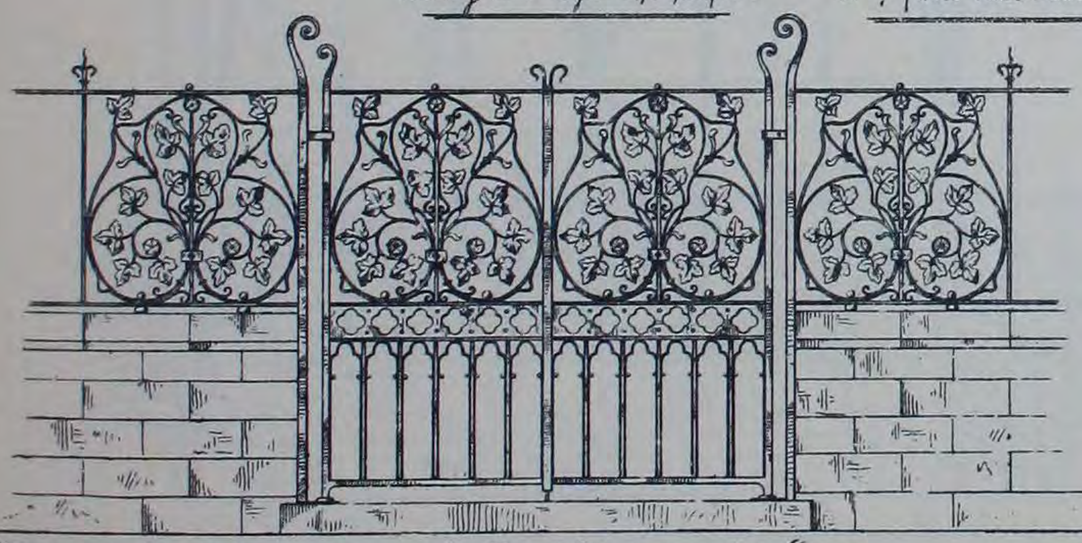
Prices given include Latches but are exclusive of Decorating.



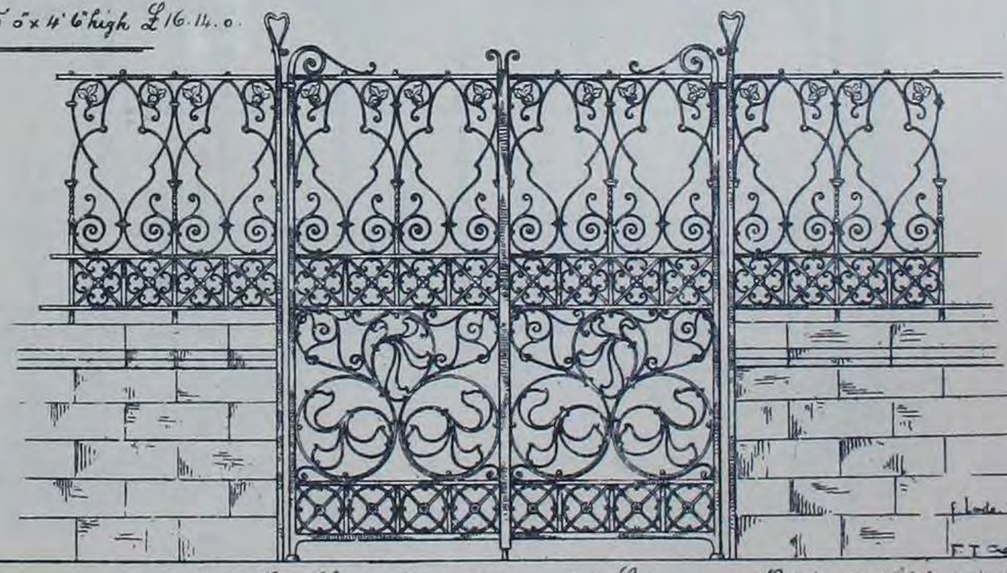
Railing 3' 3" high 37/6 per foot.

No F 742. Pair Chancel Gates 5' 0" x 4' 6" high £16.14.0.

Extras for Locks, Handles & Decorating and for Brass or Copper Reliefs given on receipt of requirements.



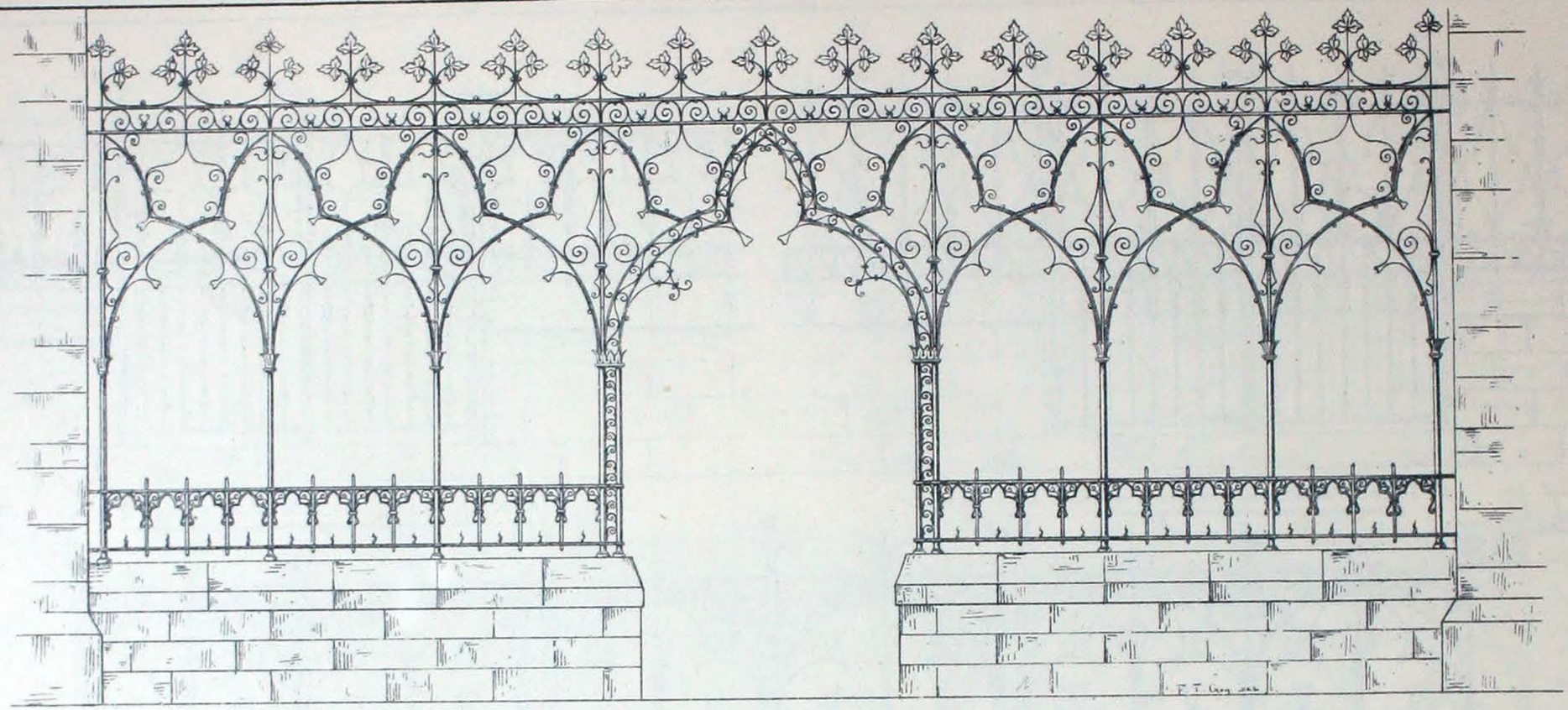
Railing 2 ft high 29/- foot — No F 743 Pair Chancel Gates 4' 0" x 3' 9" high £12.5.0



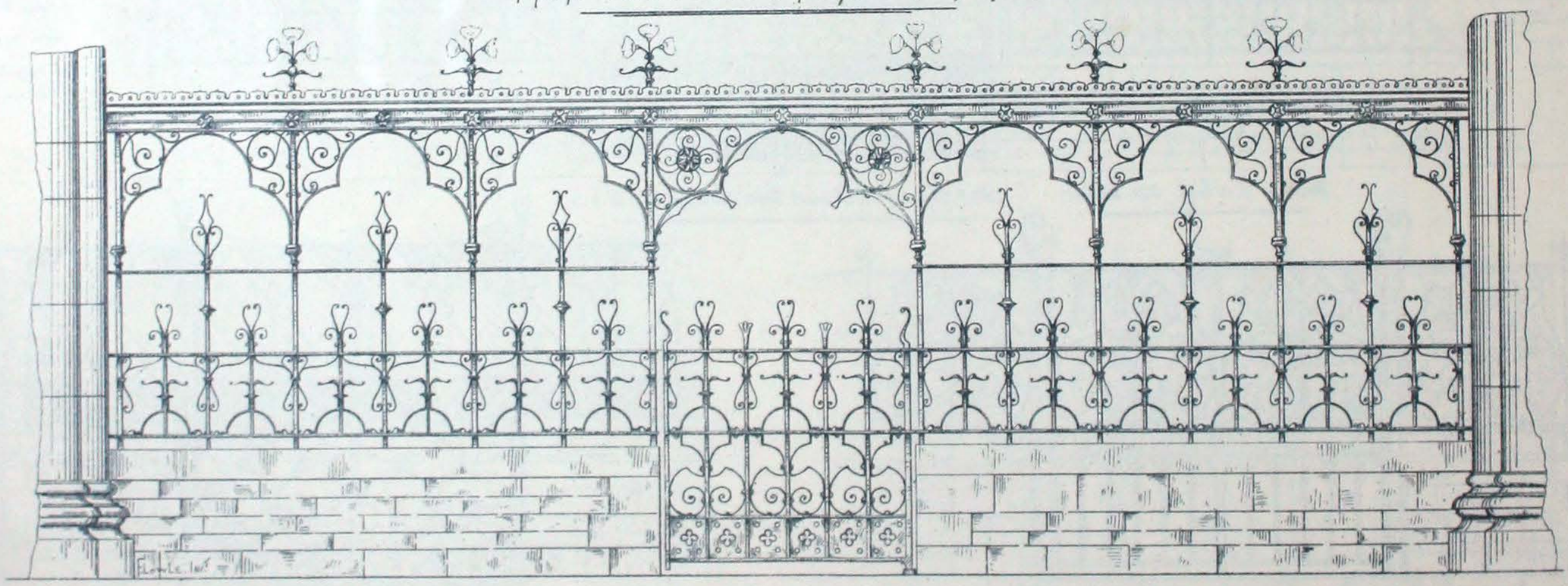
No F 744 Pair Chancel Gates 4' 3" x 4' 6" high £18.12.0 — Railing 2' 3" high 39/6 per foot.

When sizes are not stated, prices are to scale of ½-in. = 1 foot, but can be made to any size. Prices for special sizes on receipt of requirements.

Chancel Screens.

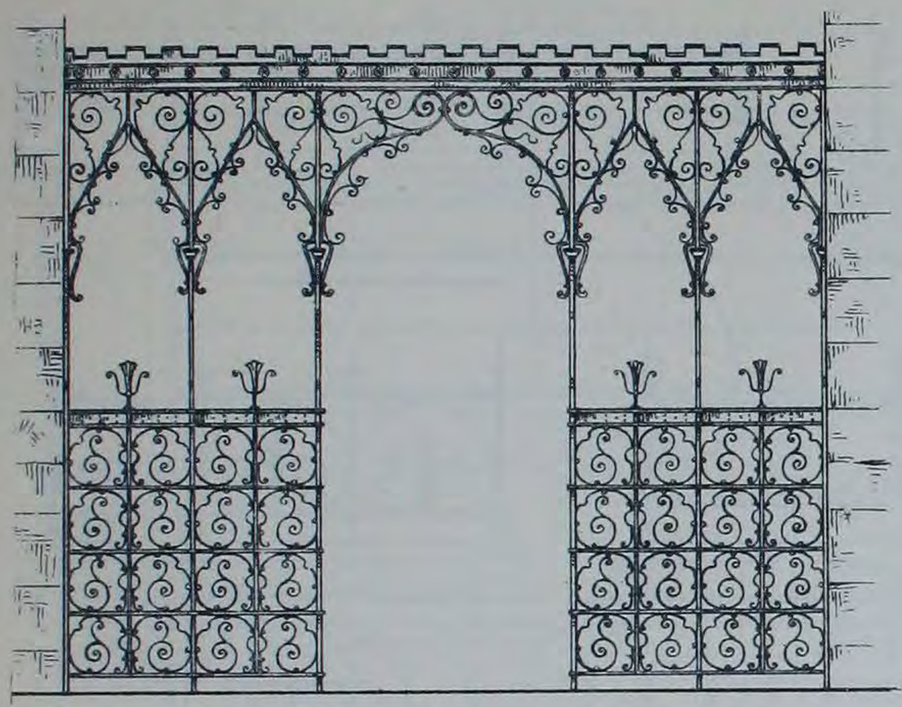


F 749. Chancel Screen. 11' 9" high. 41/6 per foot run.



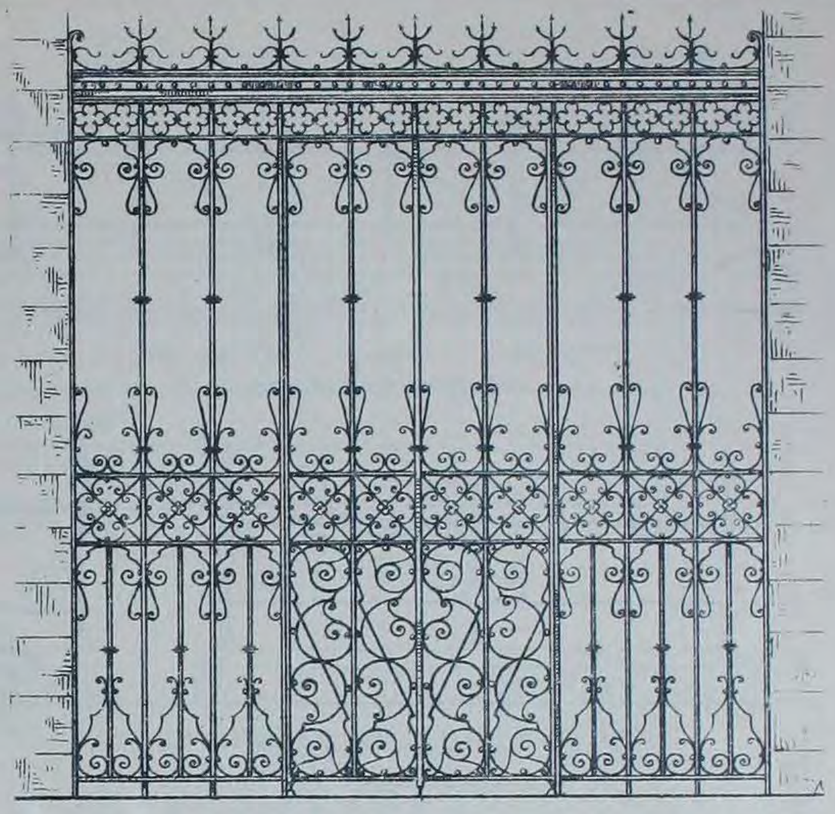
F 796. Chancel Screen with Gate. 10' 9" high to Lights. 54/6 per foot run.

Above prices include priming only. Extra for decorating and for copper and brass mounts on receipt of requirements.



F745.

Chapel or Chancel Screen 10ft high. 53/- per foot run.



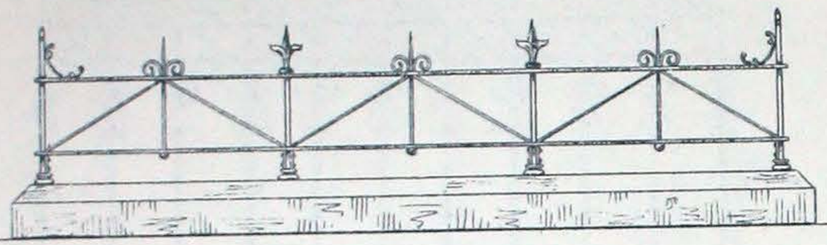
F747.

Chapel or Chancel Screen 11ft high. 83/- per foot run.

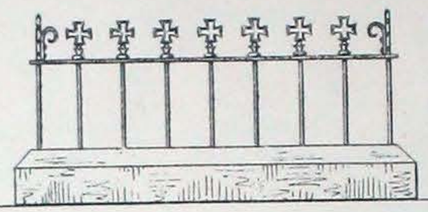
F746. Chancel Screen 10'6" high to Lights, 18'6" to Top. 65/- per foot run.

Above prices include priming only. Extra for decorating and for copper and brass mounts on receipt of requirements.

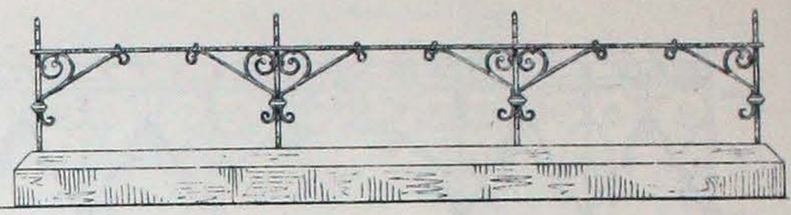
Wrot Iron Tomb Railing.



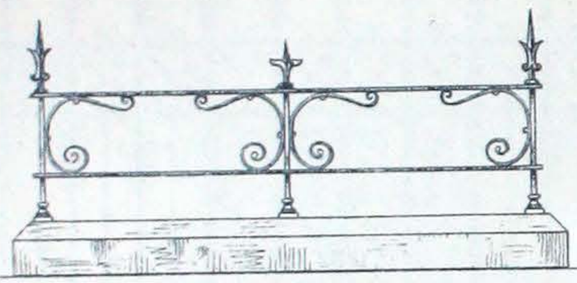
N° F 320. 16" high. 6/- per ft.



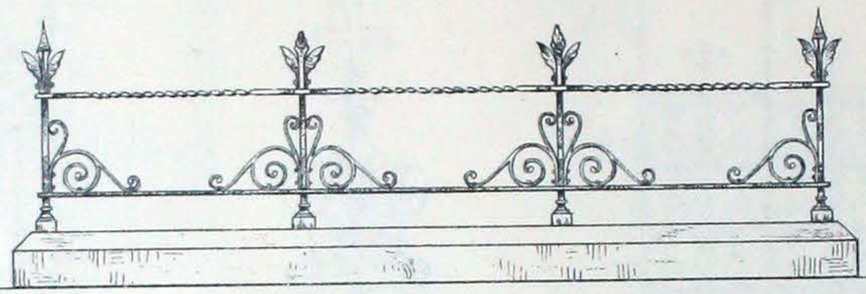
N° F 321. 14" high 5/- per ft.



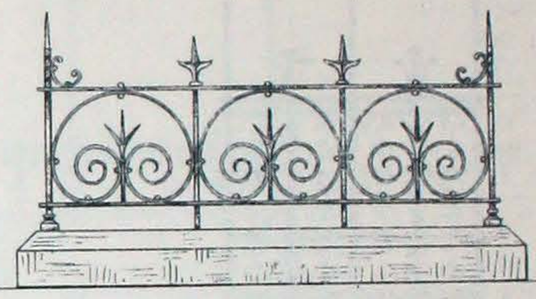
N° F 322. 15" high. 5/9 per ft.



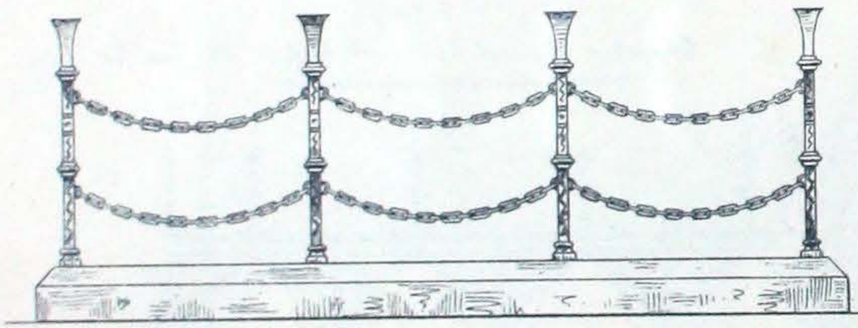
N° F 323. 18" high. 5/9 per ft.



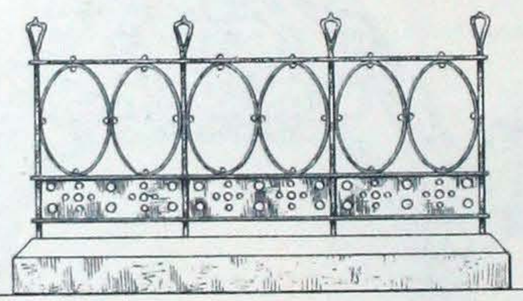
N° F 324 21" high. 11/6 per ft.



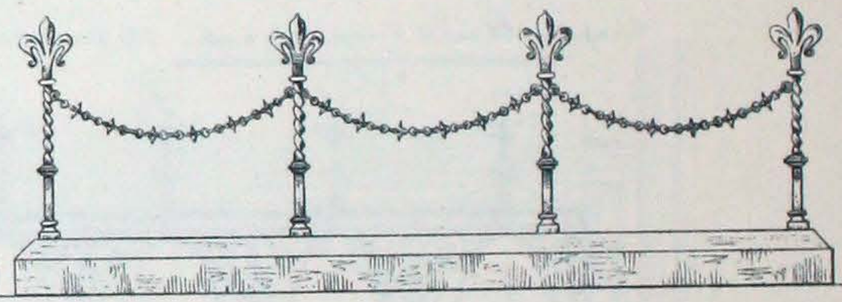
N° F 325. 21" high. 9/3 per ft.



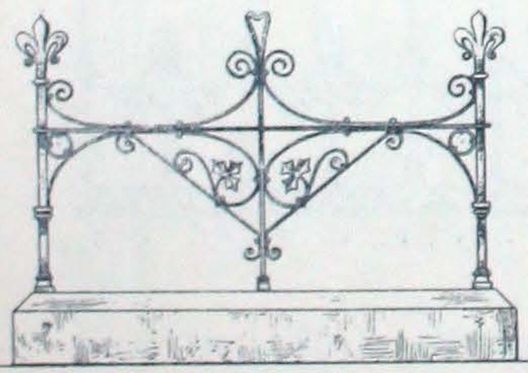
N° F 326. Pillars 27" high 9/6 each. Chain 1/6 per ft.



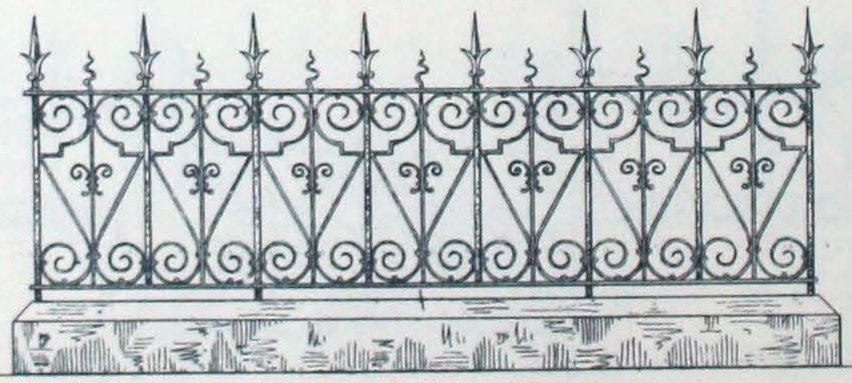
N° F 327. 24" high 10/9 per ft.



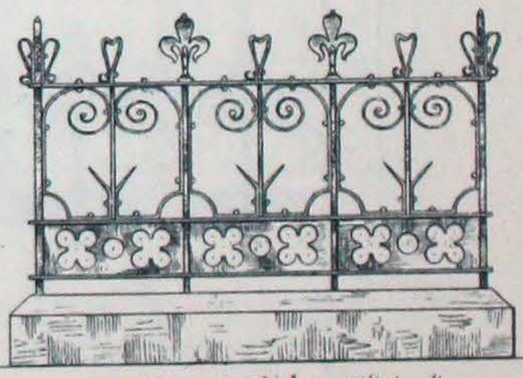
N° F 328. Pillars 24" high 11/- each. Cast Link Chain 10½ per ft.



N° F 329. 30" high. 10/- per ft.



N° F 330. 30" high 17/- per ft.

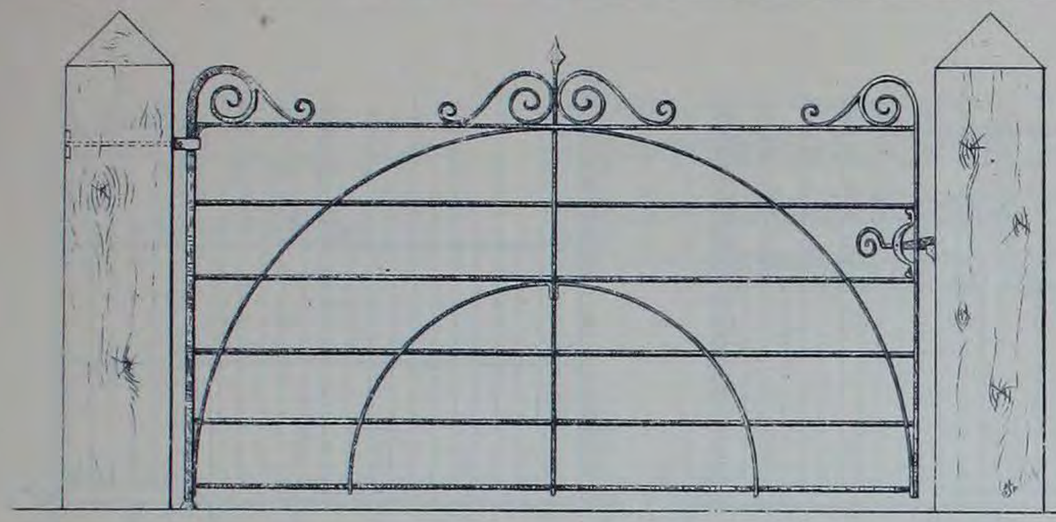


N° F 331. 30" high 18/6 per ft.

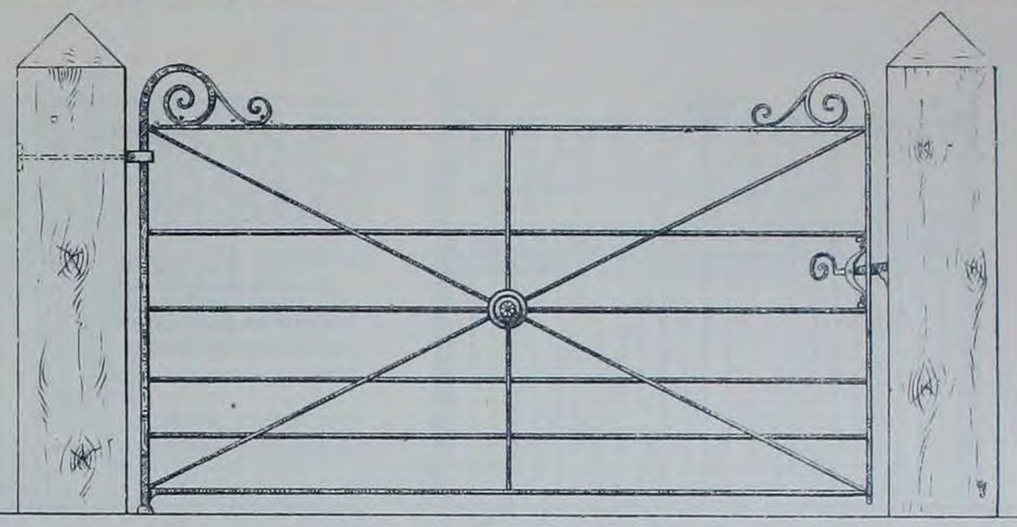
Prices for all (except F 326, 328) are per foot run for ordinary sized Sets including Corner Pillars.

When sizes are not stated, prices are to scale of ½-in. = 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

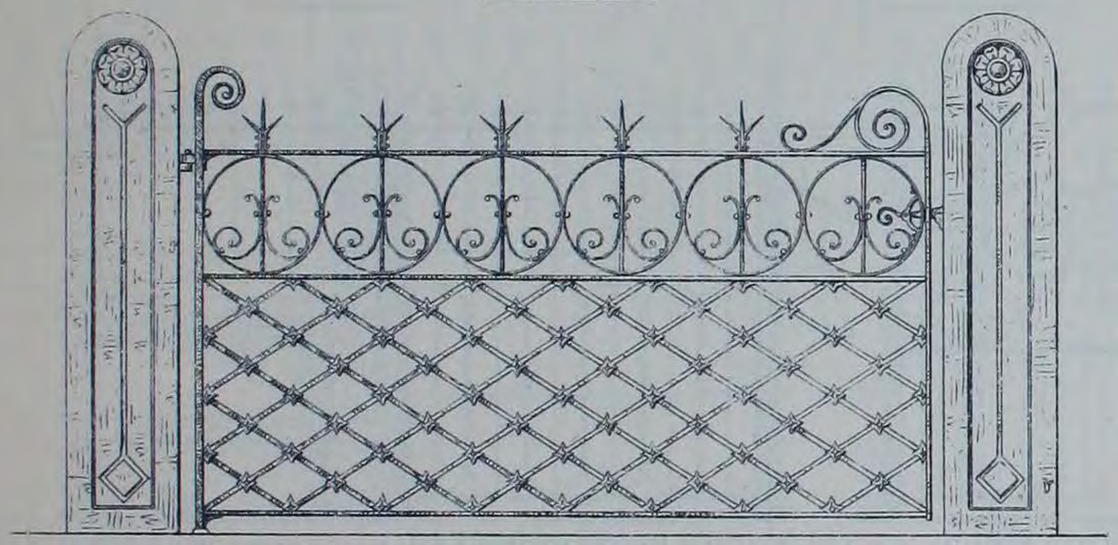
Wrot Iron Field and Entrance Gates.



N° F 340 £4. 12. 0.

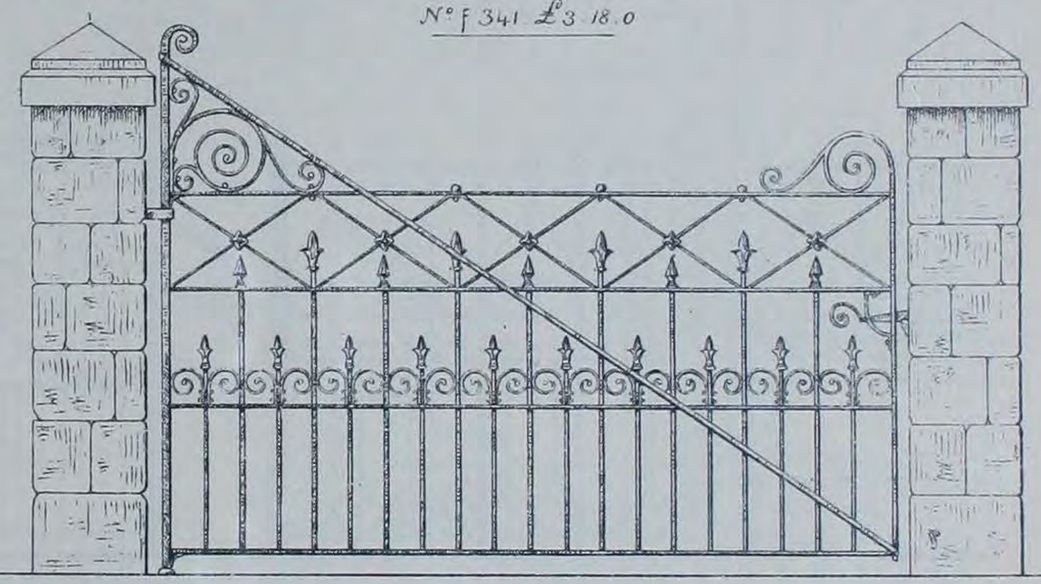


N° F 341 £3. 18. 0



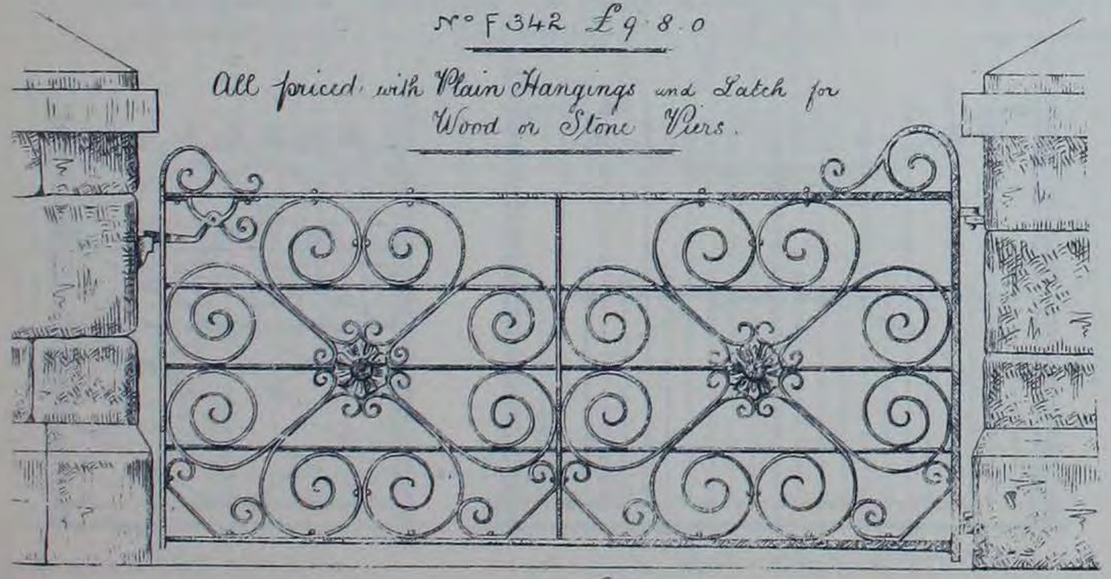
N° F 342 £9. 8. 0

All priced with Plain Hangings and Latch for Wood or Stone Piers.

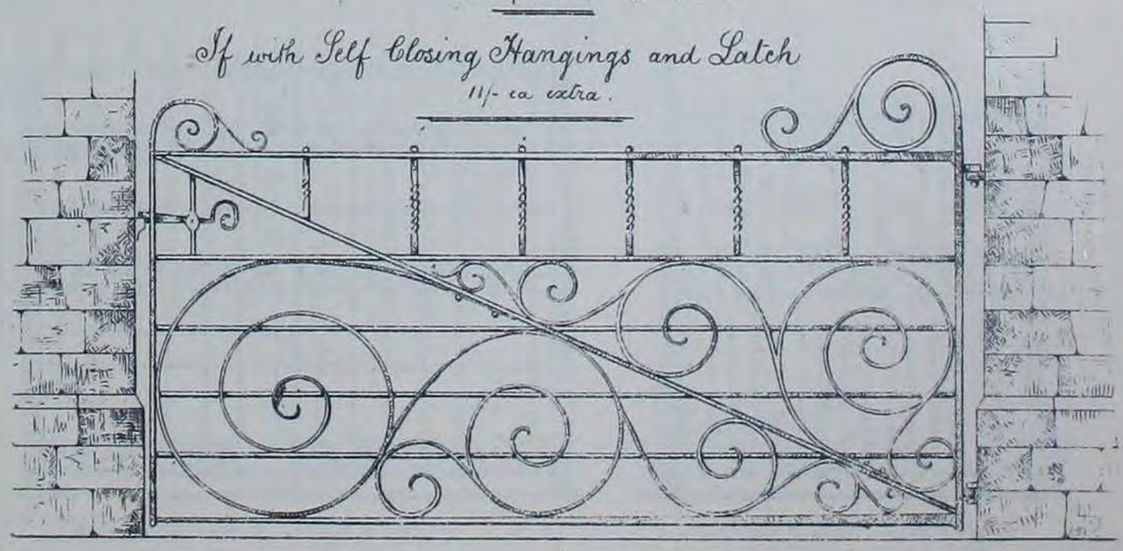


N° F 343 £8. 10. 0

If with Self Closing Hangings and Latch 11/- ea extra.



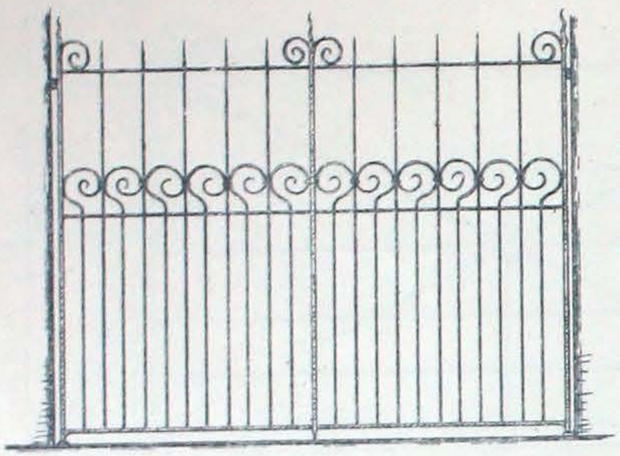
N° F 344 £9. 8. 0



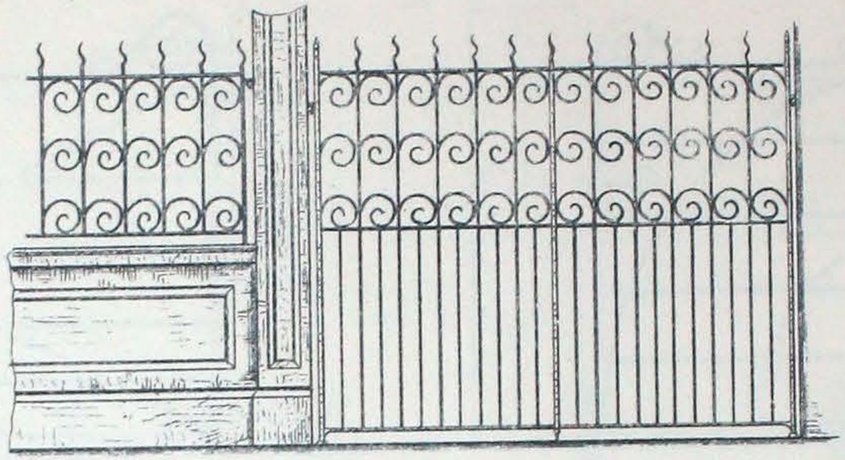
N° F 345 £10. 0. 0

When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any size. *Special prices for large quantities on receipt of specification.*

Light Portable Wrot Iron Gates and Grilles.

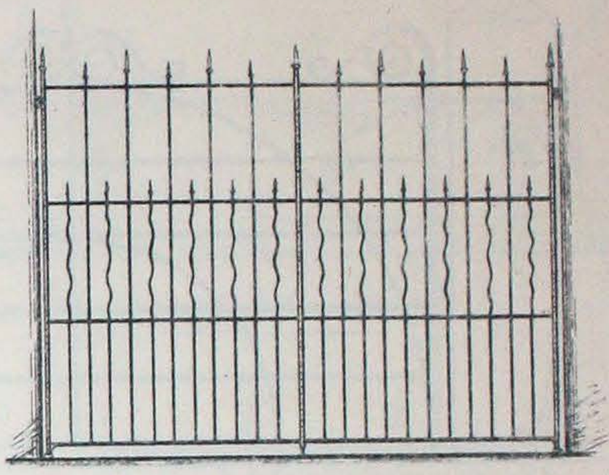


N° F390 Gates £1.2.6 Pair
Single Gate. 3'6"x5'0" high 43/- ea.

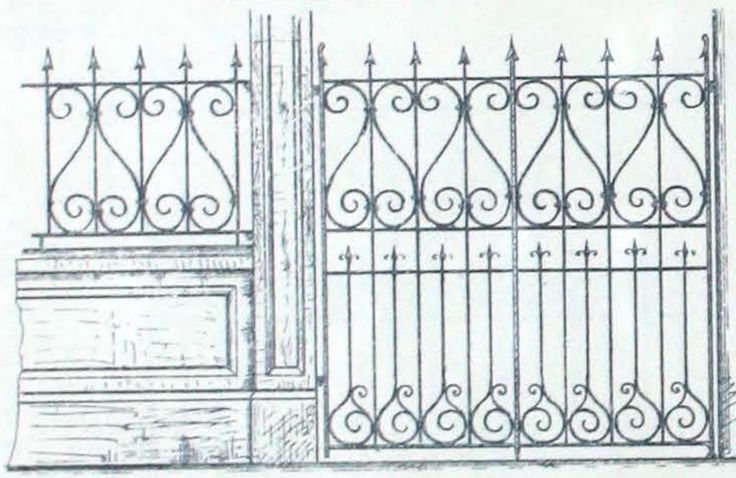


Railing 7/9 per foot.

N° F391 Gates £4.12.0 Pair.



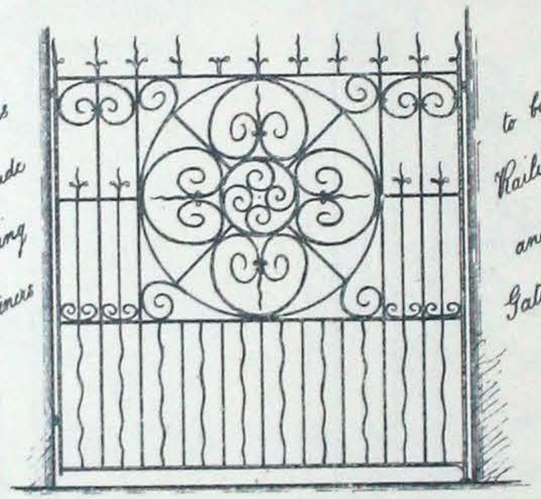
N° F392 Gates £3.11.0 Pair.



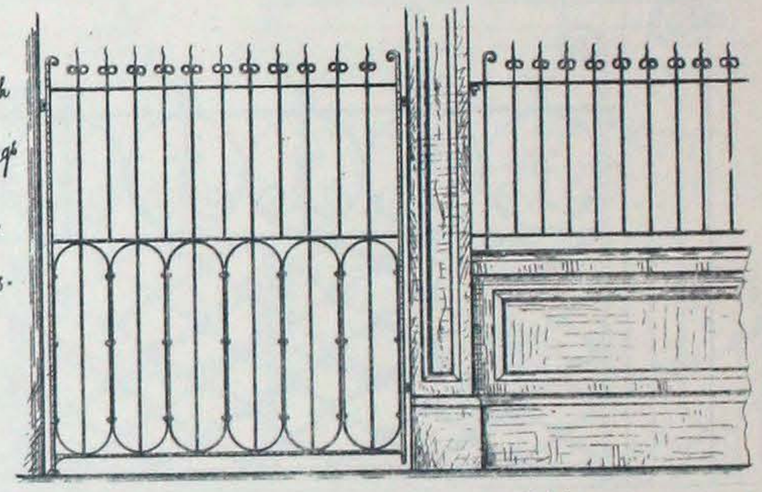
Railing 7/- per ft

N° F 389 Gates £4.13.0 Pair.

Prices include Locking Fastenings to both Railings and Gates.

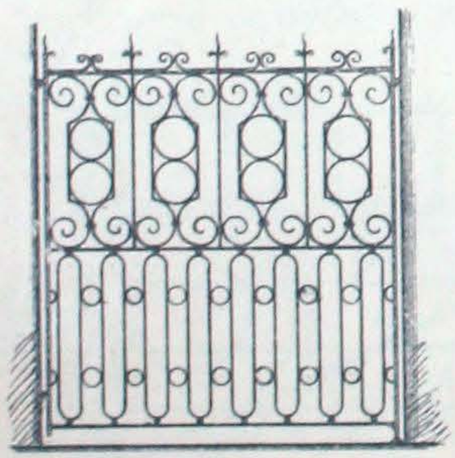


N° F394 Gate £5.14.0 ea.

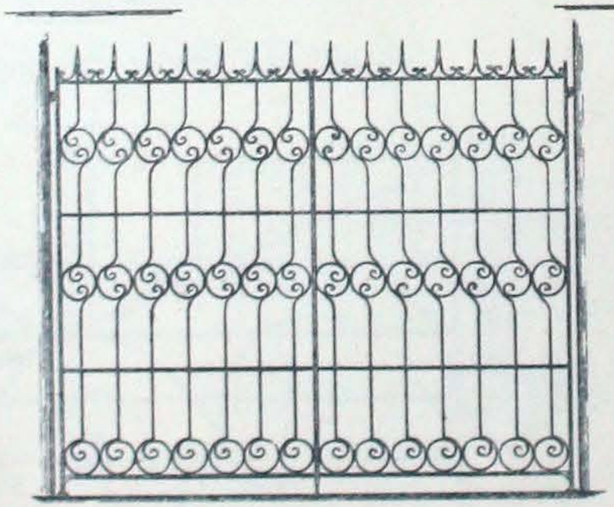


N° F395 Gate £4.0.0 ea

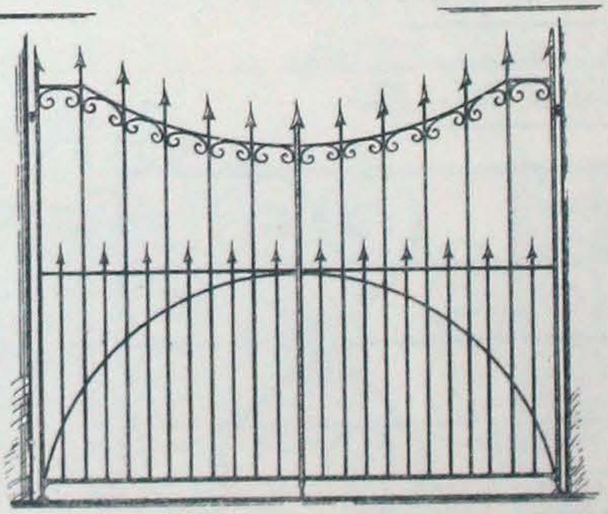
Railing 4/10 per ft.



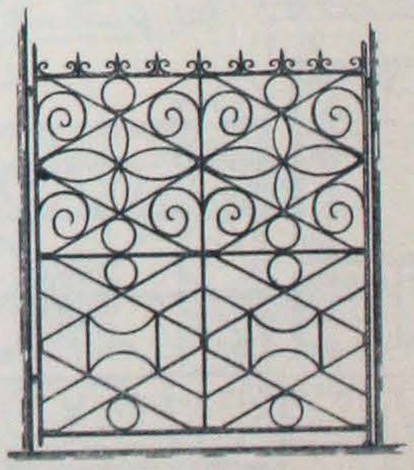
N° F396 Gate £4.13.0 ea.



N° F397 Gates £7.2.6 Pair.



N° F398 Gates £5.17.0 Pair.



N° F399 Gate £6.0.0 ea.

When sizes are not stated, prices are to scale of ¾-in. = 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

Light Portable Wrot Iron Gates and Grilles.



F410 £1.7.0



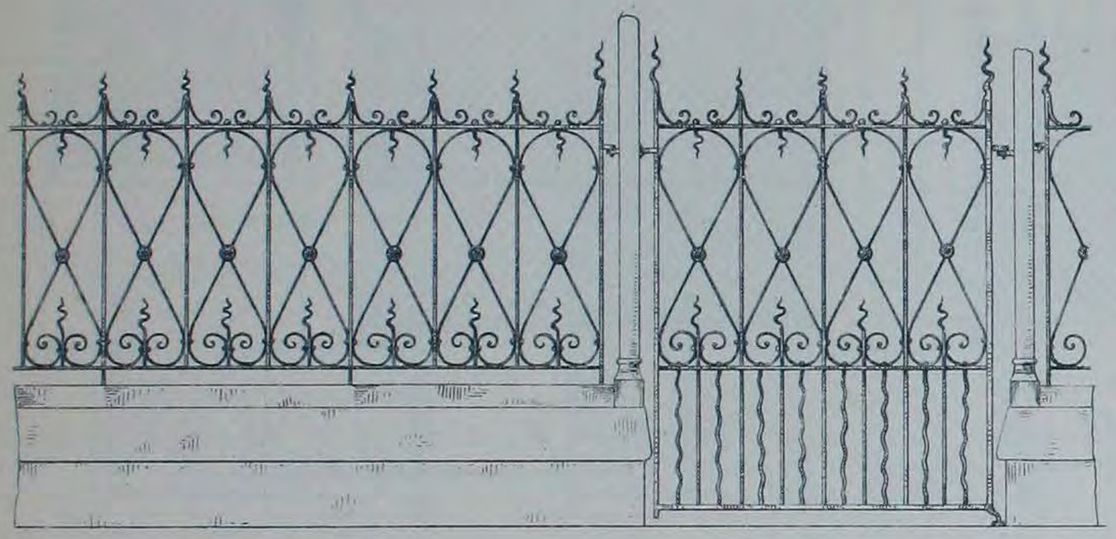
F411. £4.0.0



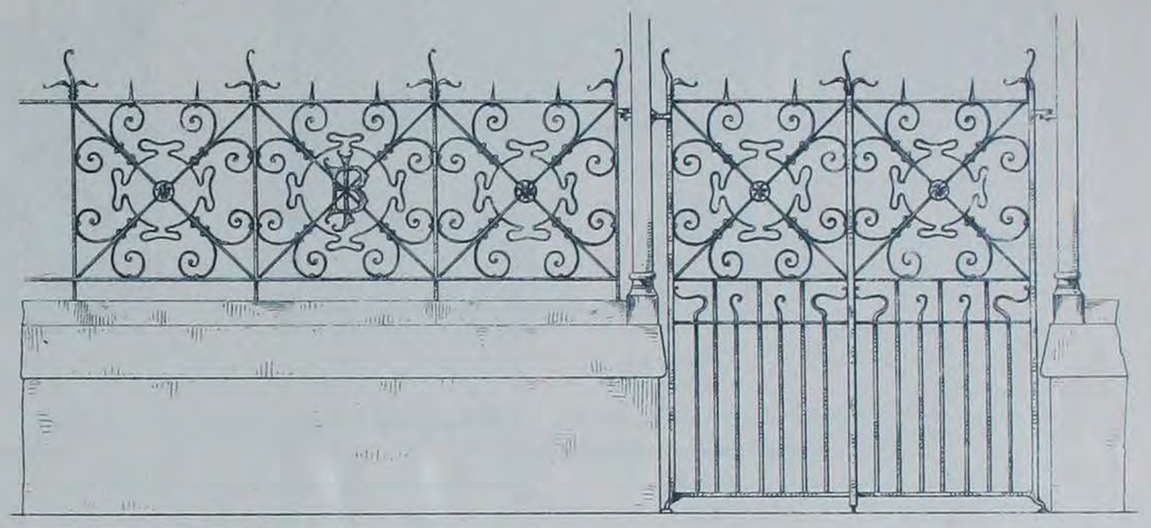
F412. £5.8.0



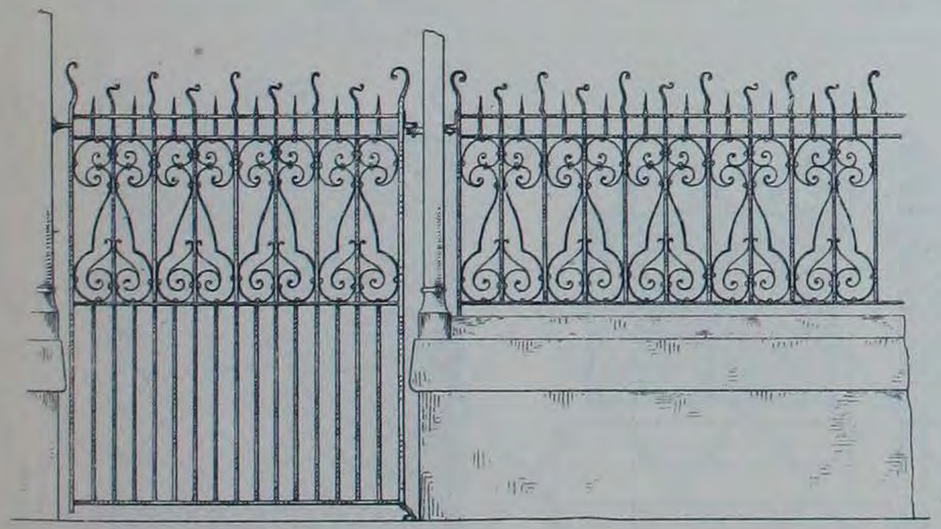
F413. £3.10.0



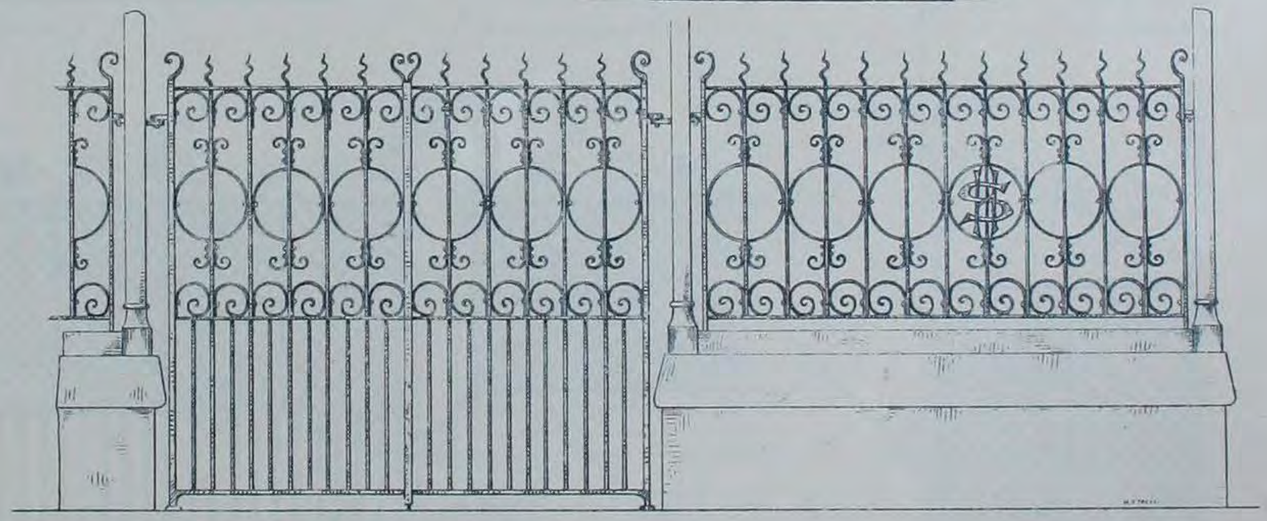
Railing 9/9 per foot F403. Gate £3 18.0



Railing 13/3 per foot. F404. Gates £5.7.0 Pair.
Extra for Monogram in Panels. 11/6 each.



Gate £4.7.6. F405. Railing. 16/- per foot.

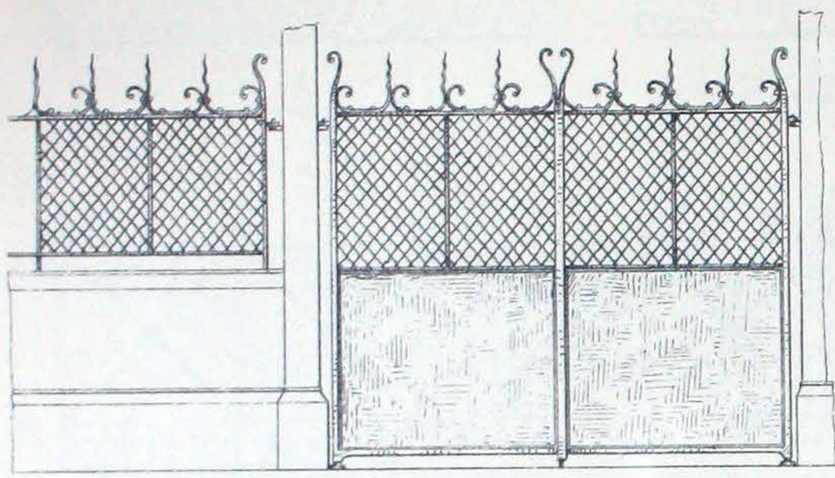


Pair Gates £4.18.0 F401. Railing 9/6 per foot
Do stronger for Entrance Gates £7.10.0 Extra for Monogram in Panel. 11/6 each.

Prices include Locking Fasteners to both Railings and Gates.

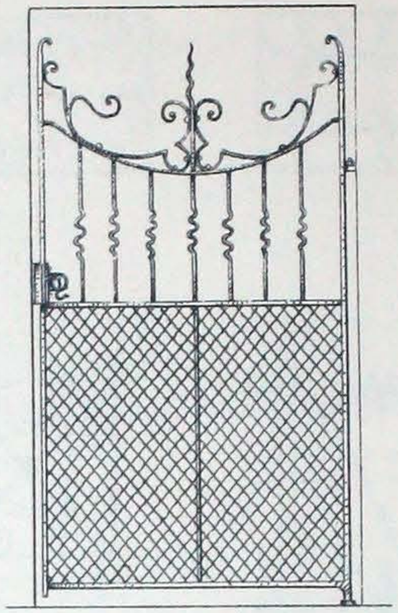
When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

Light Portable Gates and Grilles with Wire Panels.



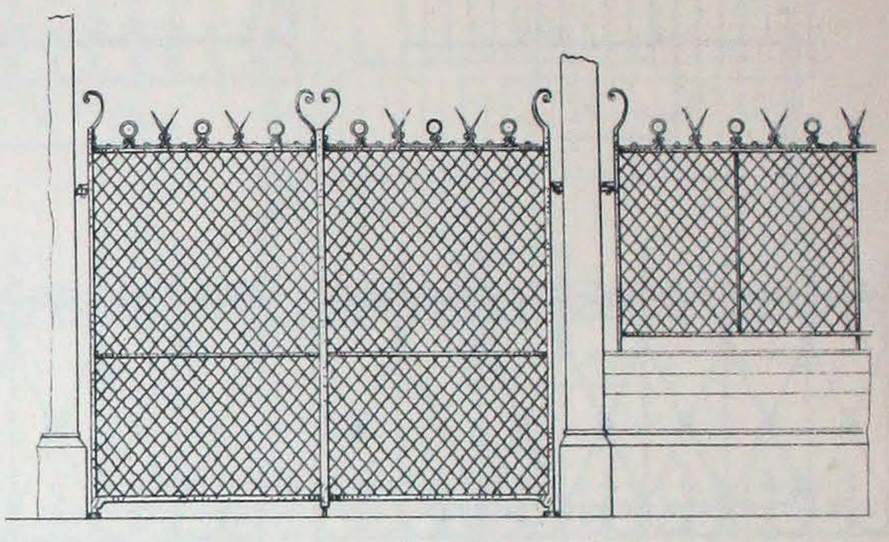
F 406.

Railing 6/9 per foot. Pair Gates £4.0.0.



F 421.

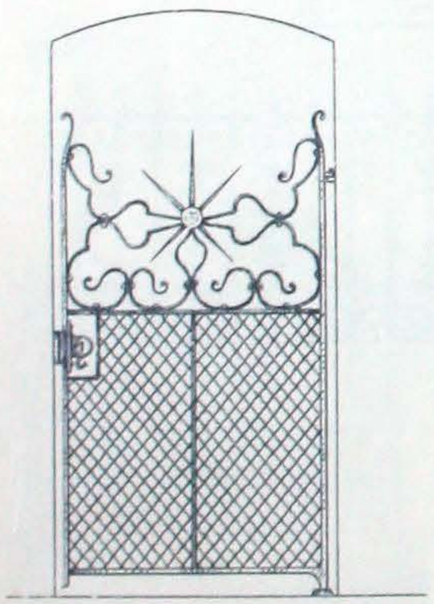
Gate £4.0.0



F 407.

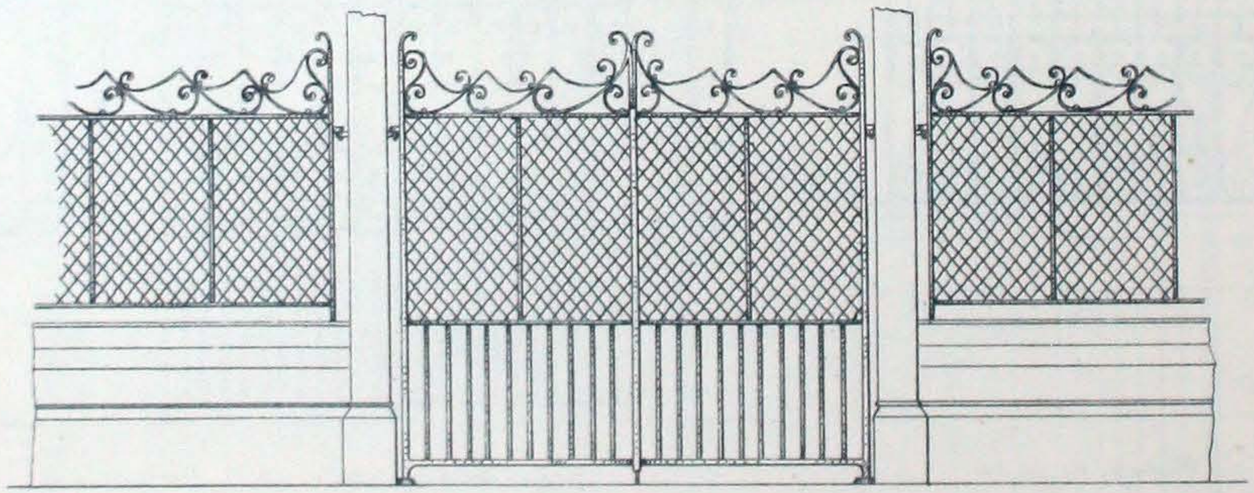
Pair Gates £4.5.0 Railing 7/3 per foot.

Panels are filled in with Galvd Iron ◇ wire mesh 1⅝"
Prices include Locking Fasteners to both Gates & Railings.



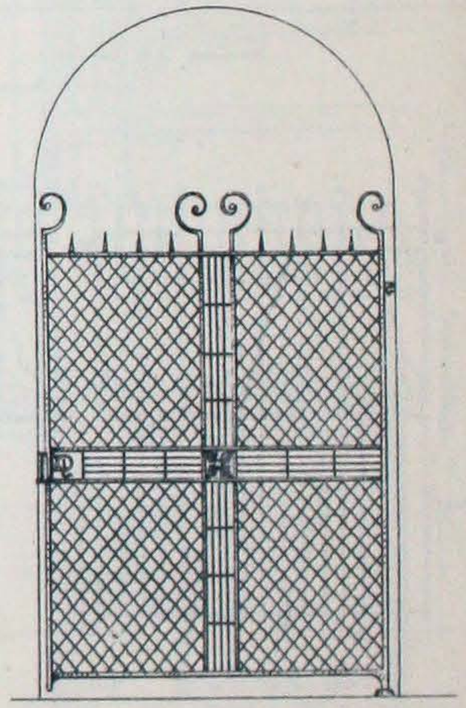
F 422.

Gate £3.16.0



F 408

Pair Gates £4.18.0 Railing 9/6 per foot.

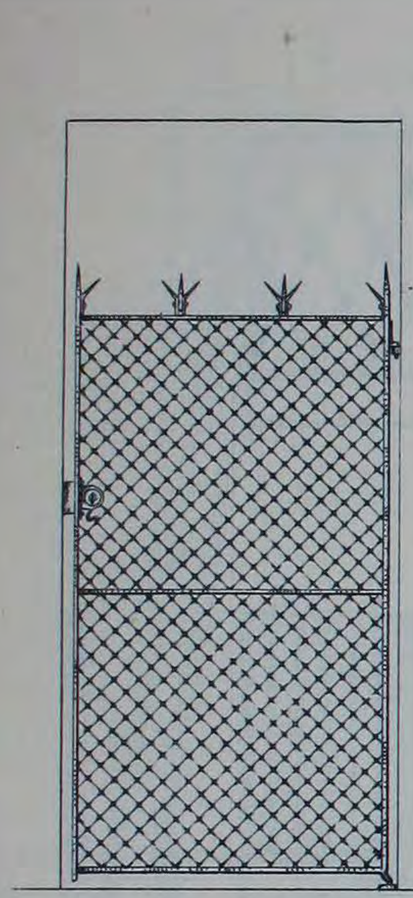


F 423.

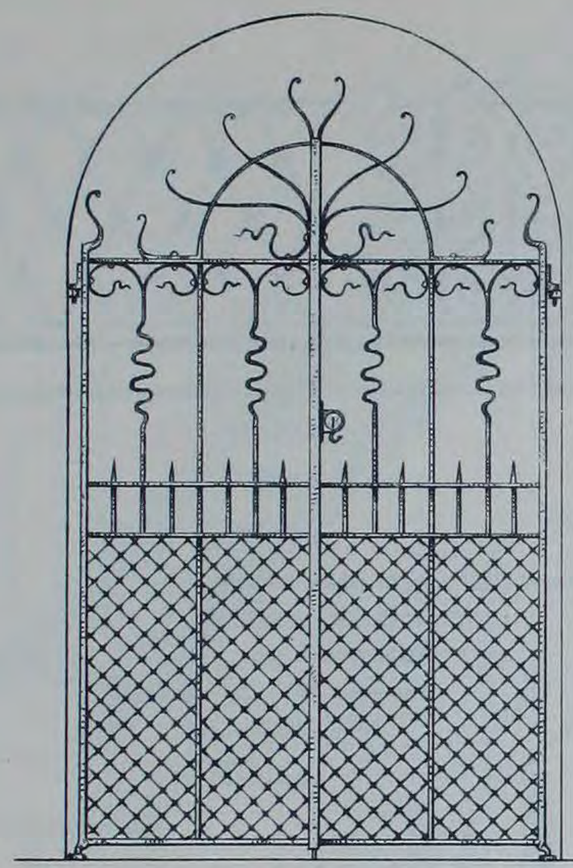
Gate £4.3.0

When sizes are not stated, prices are to scale of ⅜-in. = 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

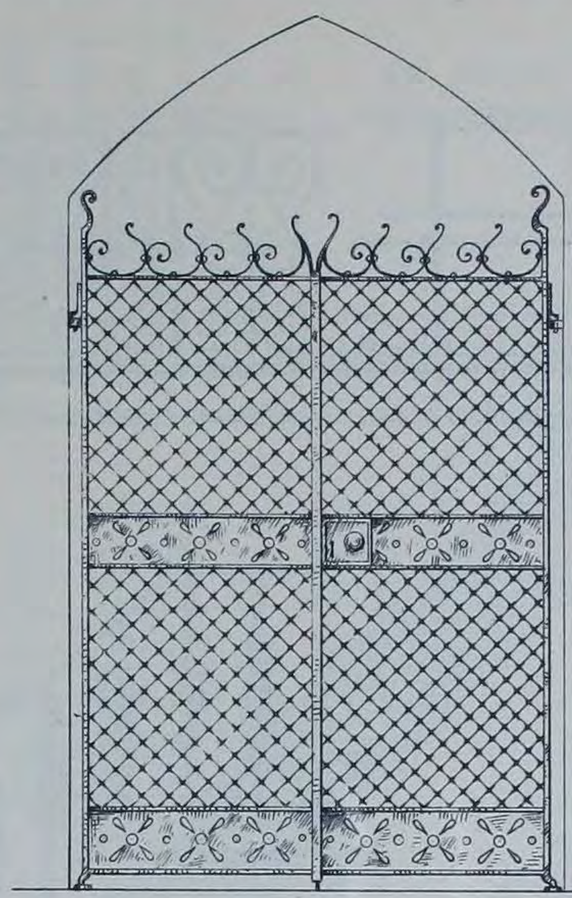
Ventilating Gates with Lattice Panels.



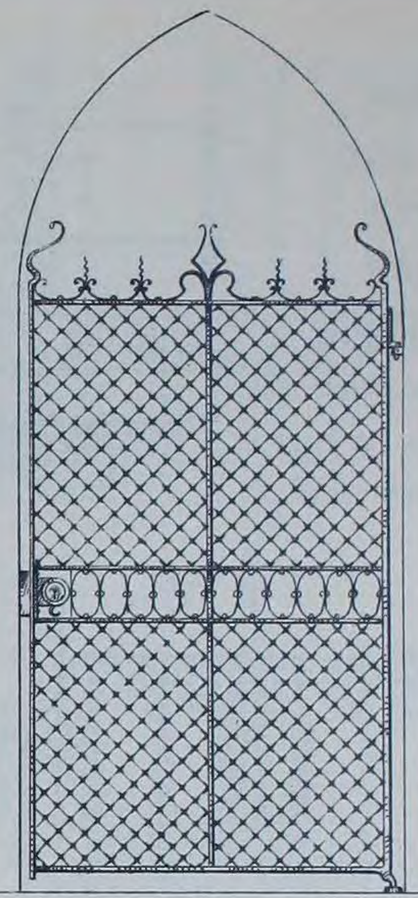
F870.



F871.



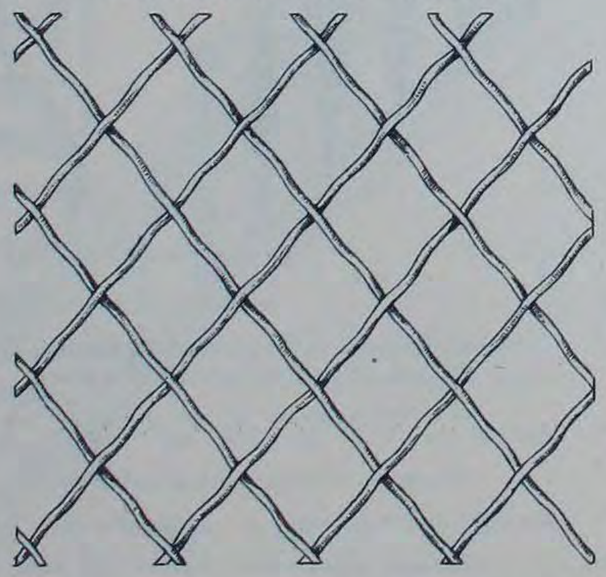
F872.



F873.

Galvd Wire Panels. £3.10.0 each	£7.15.0 Pair	£8.0.0 Pair	£5.13.6 Each
Patent Trellis do £5.7.6 "	£9.10.0 "	£10.15.0 "	£8.0.0 "

GALVANIZED WIRE TRELLIS



PATENT TRELLIS.

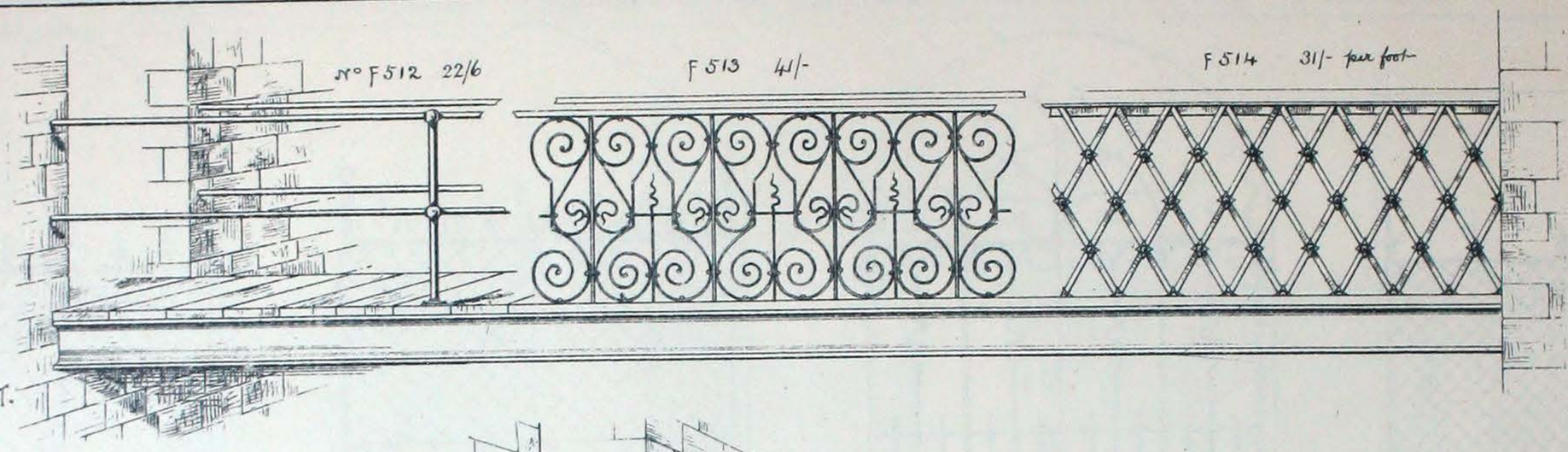


THESE SAMPLES ARE ONE QUARTER FULL SIZE.

When sizes are not stated, prices are to scale of $\frac{1}{2}$-in. = 1 foot, but can be made to any size. Special prices for large quantities on receipt of specification.

Iron Stairs and Foot Bridges.

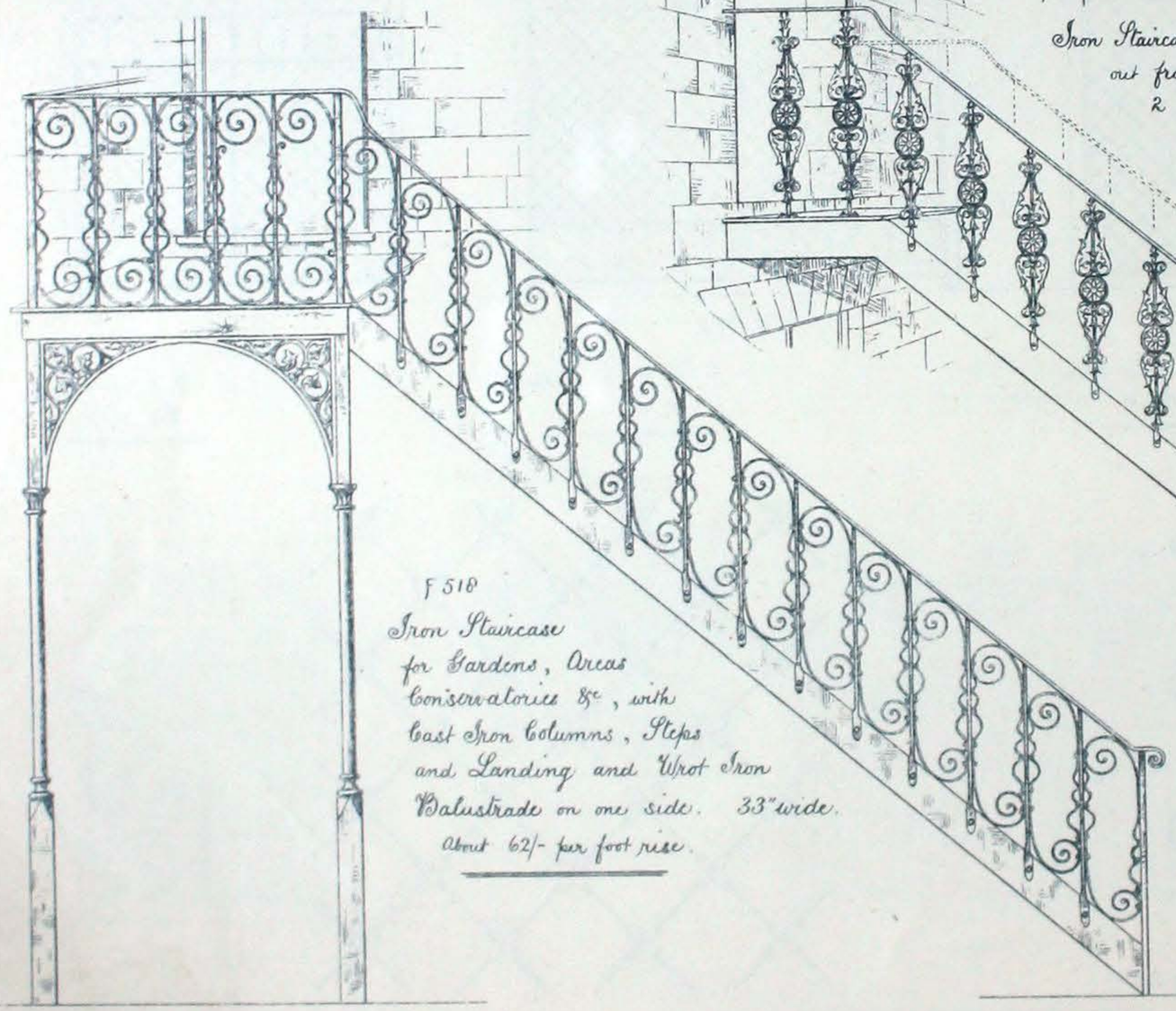
FOOT BRIDGE WITH PLANK FLOOR FOR SPANS OF ABOUT 20 FEET. X4 FEET WIDE.



N° F 512 22/6

F 513 41/-

F 514 31/- per foot

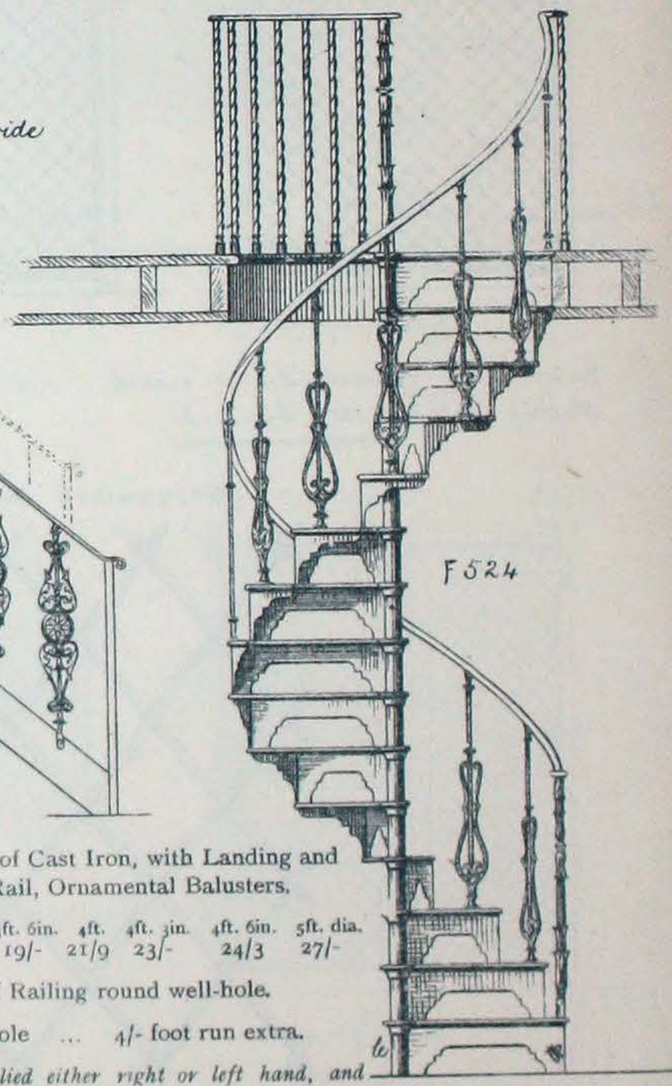


F 518

Iron Staircase for Gardens, Areas Conservatories &c, with Cast Iron Columns, Steps and Landing and Wrot Iron Balustrade on one side. 33" wide. About 62/- per foot rise.

F 519

Iron Staircase to stand straight out from Building with 2 Balustrades, for Gardens &c 33" wide About 43/- per foot rise.



F 524

Circular Staircase of Cast Iron, with Landing and Wrot Hand Rail, Ornamental Balusters.

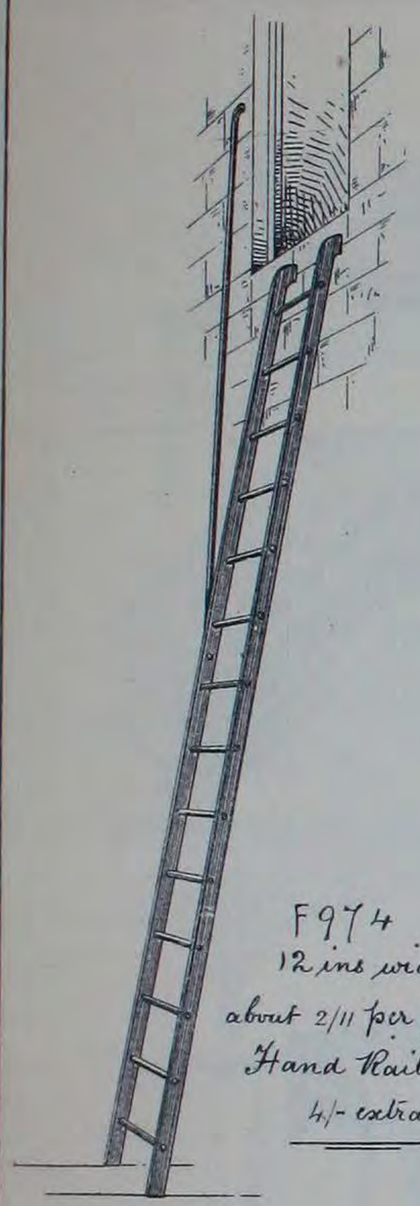
	3ft. 6in.	4ft.	4ft. 3in.	4ft. 6in.	5ft. dia.
Per foot rise	19/-	21/9	23/-	24/3	27/-

Exclusive of Railing round well-hole.

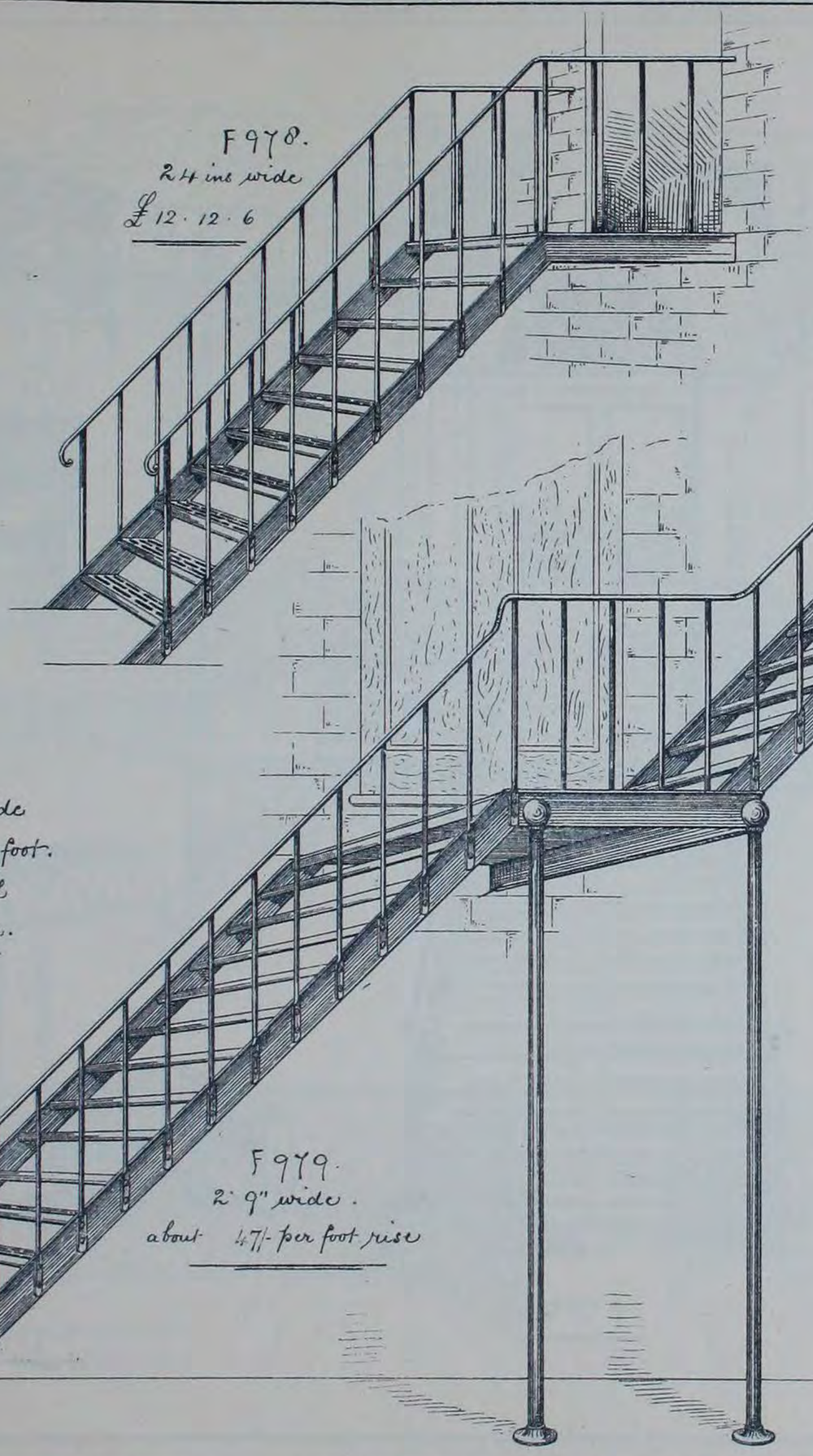
Railing round well-hole ... 4/- foot run extra.

Staircases supplied either right or left hand, and are fitted ready for erection.

When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any dimensions. Prices for special sizes on receipt of requirements.

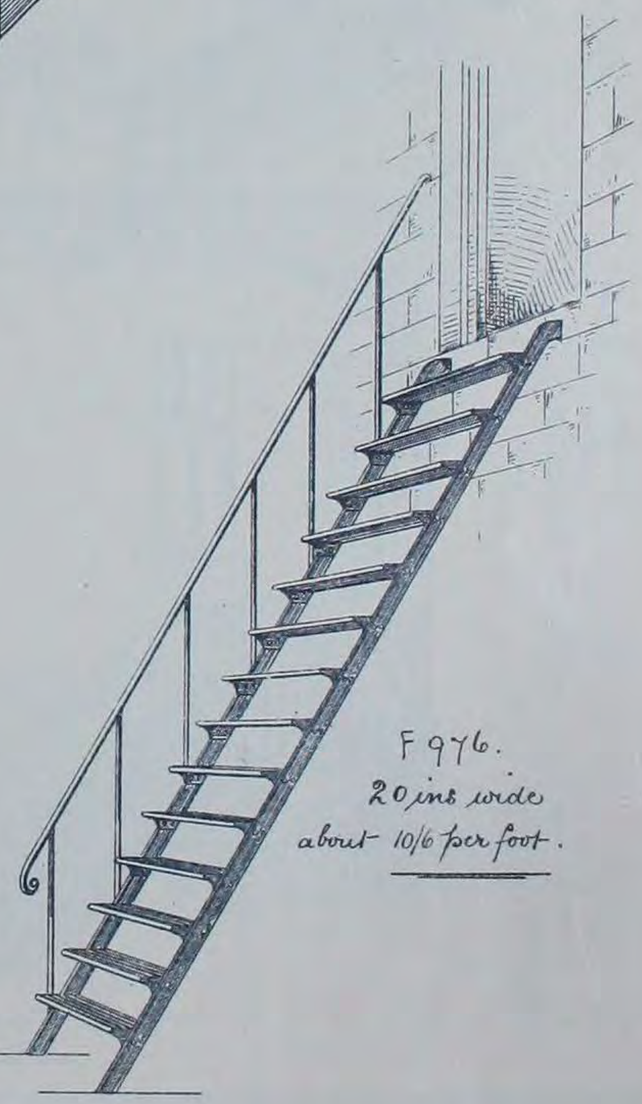


F974
12 ins wide
about 2/11 per foot.
Hand Rail
4/- extra.



F978.
24 ins wide
£12 · 12 · 6

F979.
2' 9" wide.
about 47/- per foot rise

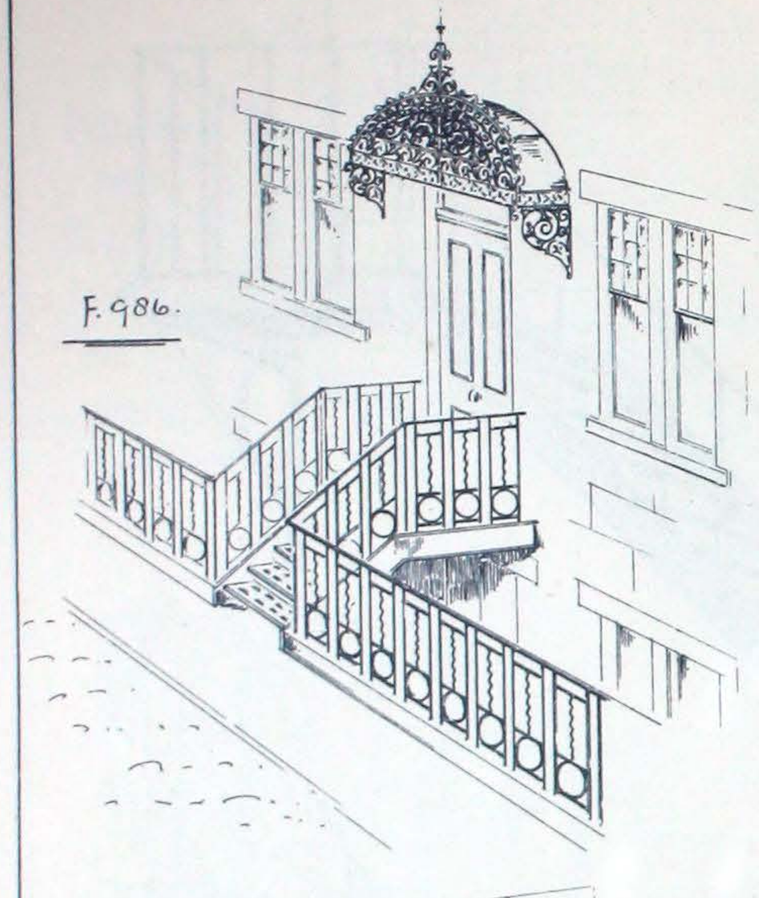


F976.
20 ins wide
about 10/6 per foot.

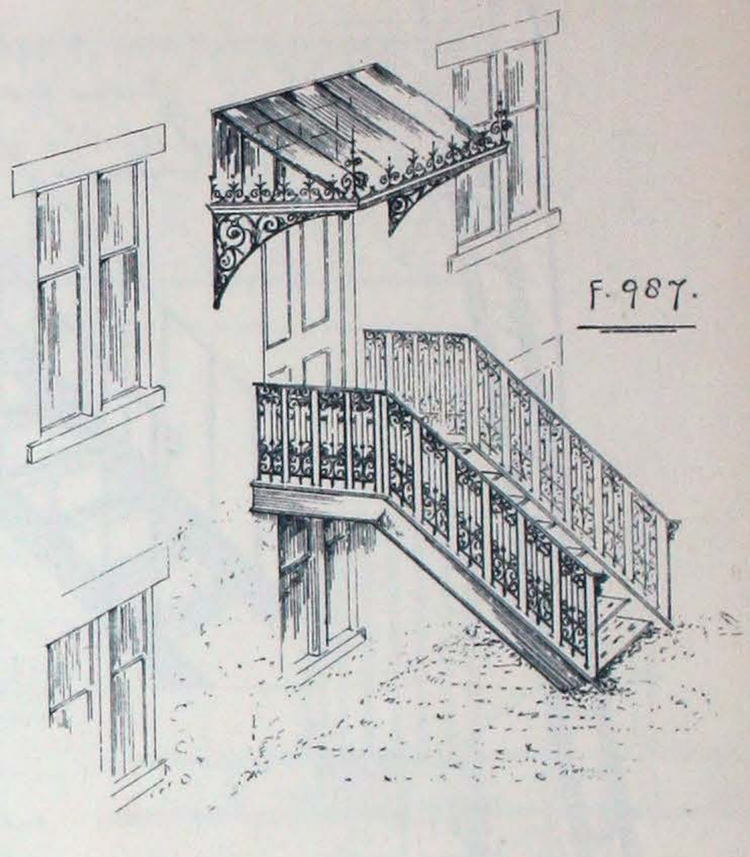
When sizes are not stated, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any dimensions. Prices for special sizes on receipt of requirements.

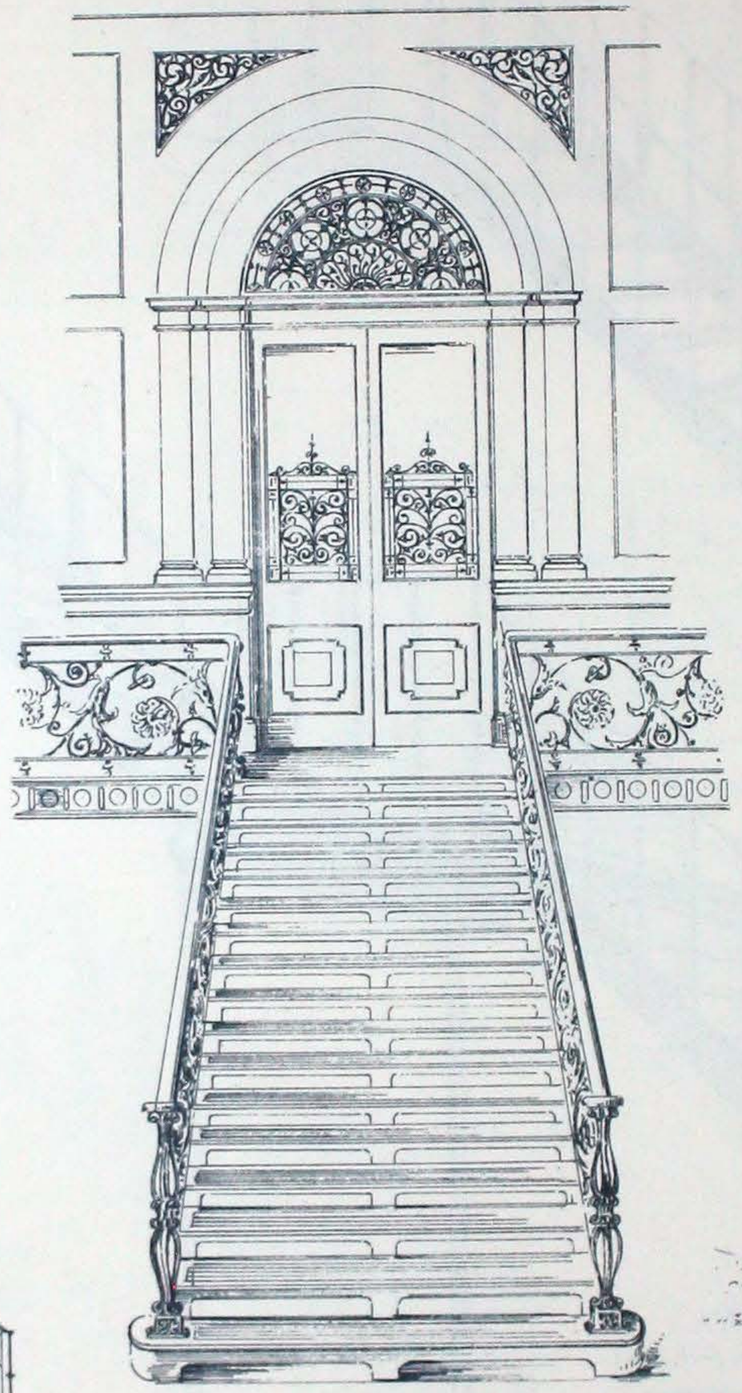
Iron Staircases and Balustrades.

F. 986.

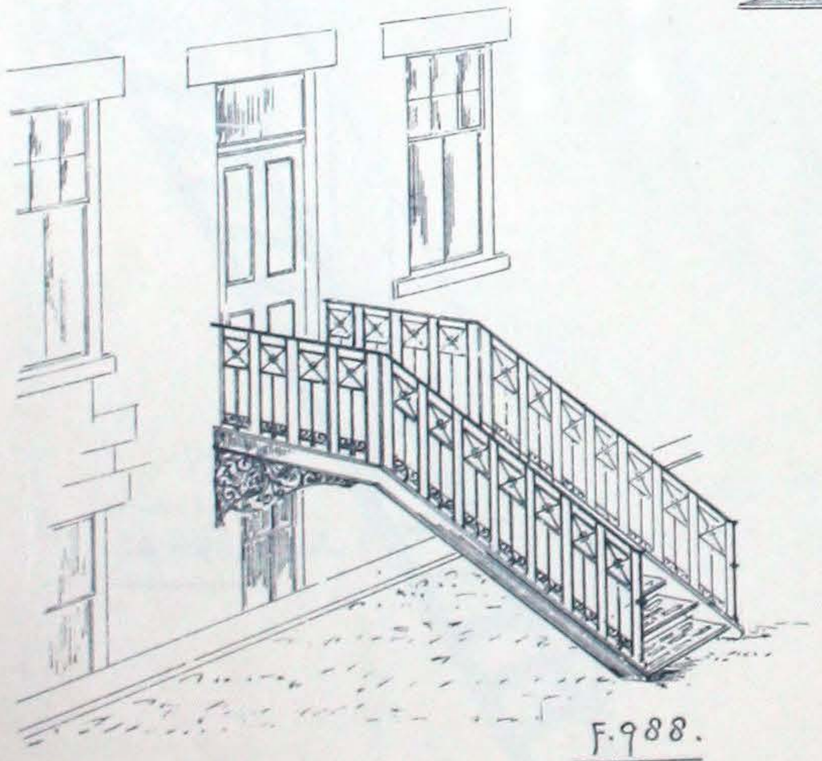


F. 987.



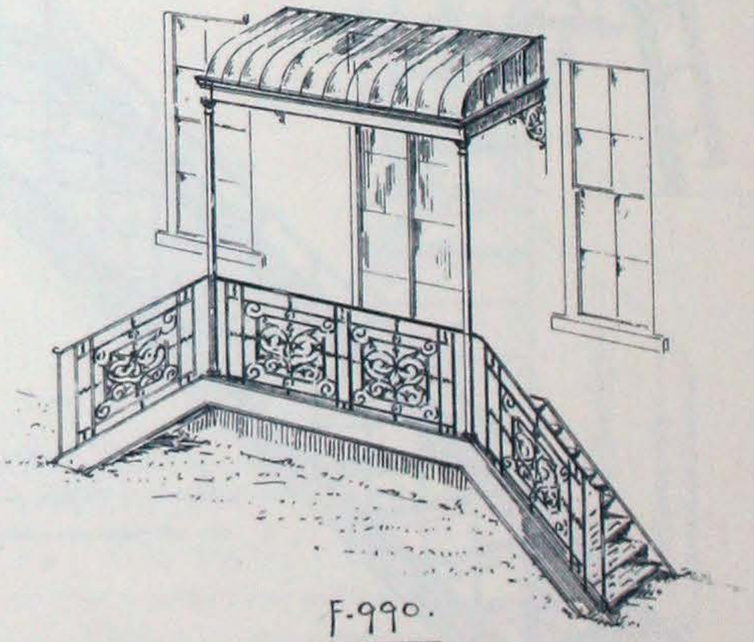


F. 988.

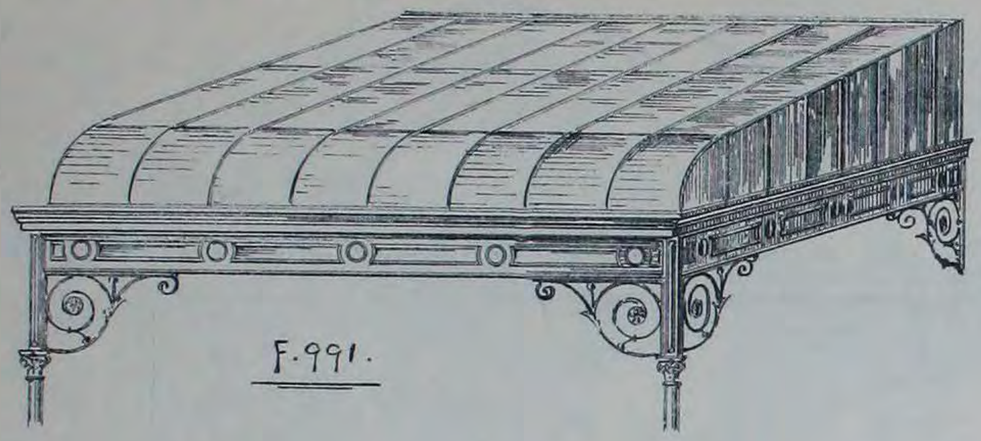


F. 989.

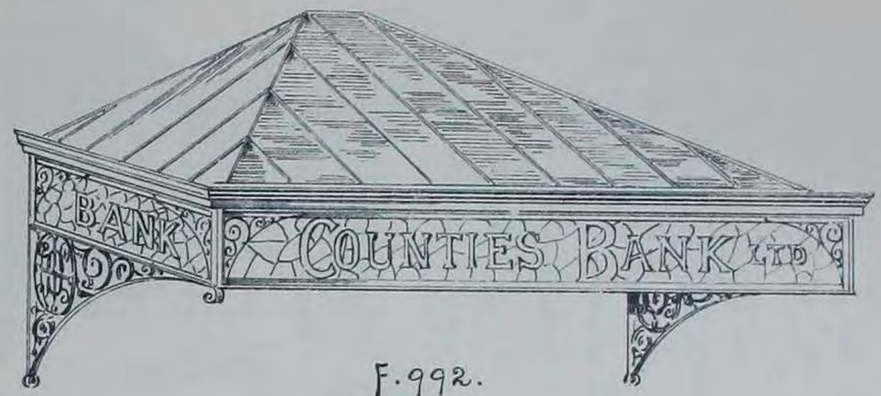
F. 990.



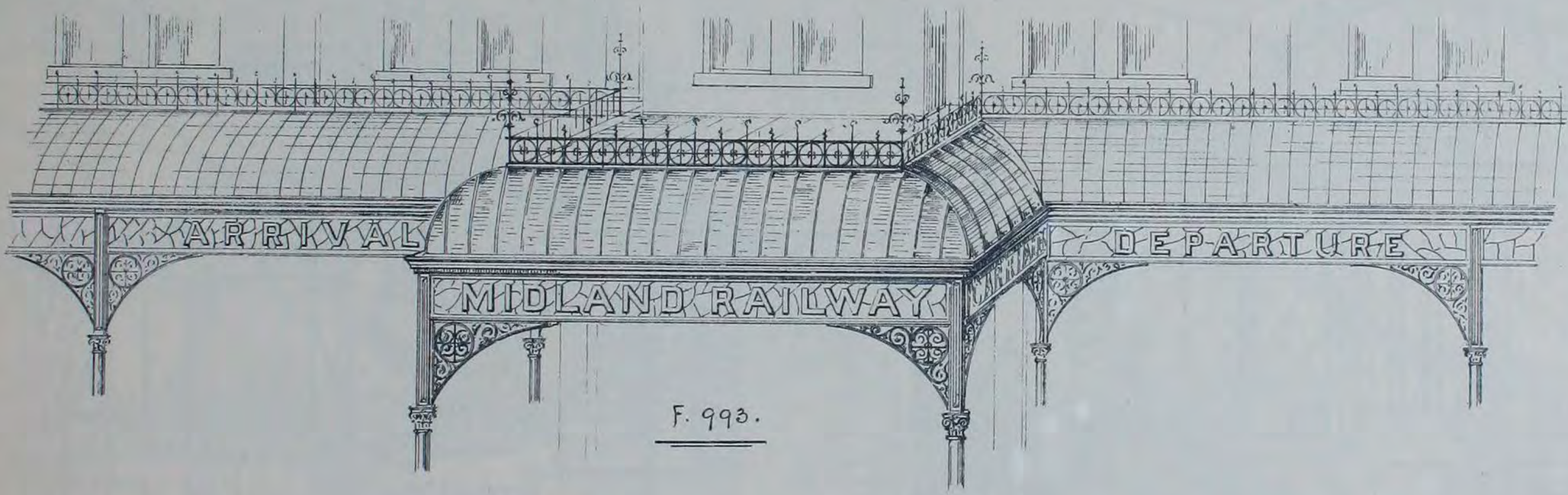
Quotations on receipt of requirements.



F.991.



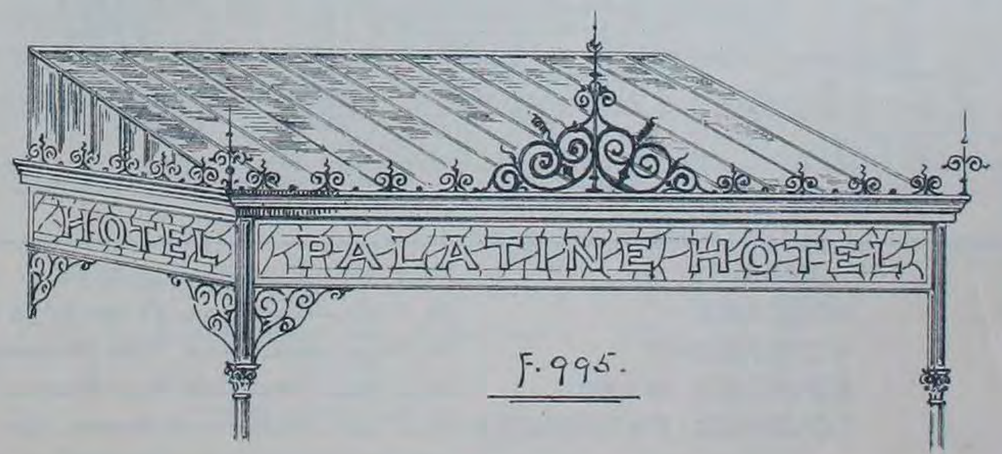
F.992.



F. 993.

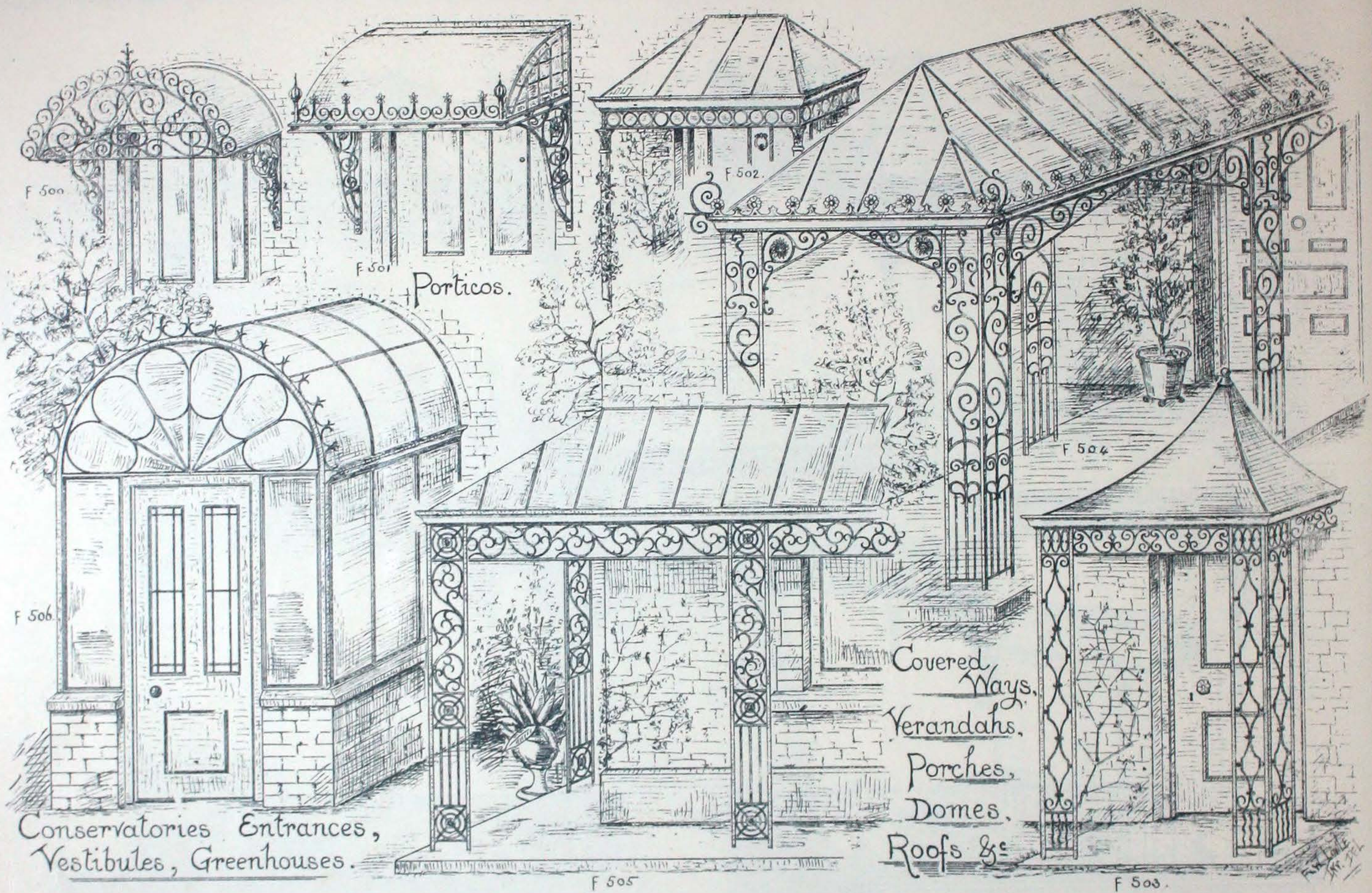


F.994.



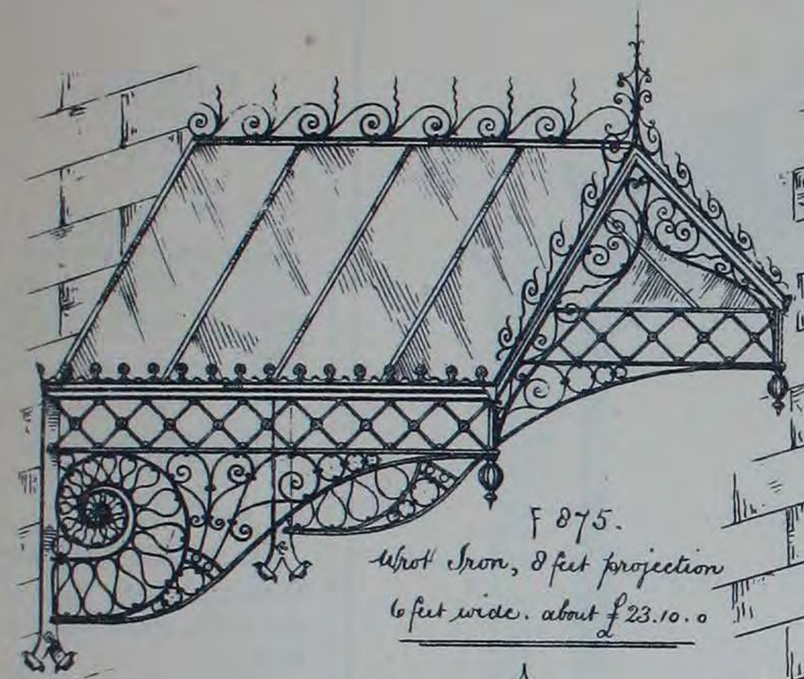
F.995.

Quotations on receipt of requirements.



PORTICOS	No. F 500.—Metal Roof, £5 to £6.	No. F 501.—Metal Roof, £7 10s. to £8 10s.
PORCHES	No. F 502.—Glass Roof, £8 10s. to £9 10s.	No. F 503.—Metal Roof, Wrot Pilasters, £11 to £12; Cast Pilasters, £9 to £10.
VERANDAHS	No. F 505.—Glass Roof, Wrot Framework, Cast Scrolls, 25/- to 30/- per foot run.	
COVERED WAYS	No. F 504.—Glass Roof, Wrot Pilasters, 40/- to 50/- per foot run.	If Cast Columns as F 860, 36/- to 45/- per foot run.
COVERED ENTRANCES	No. F 506.—Exclusive of Masonry, £22 to £26.	

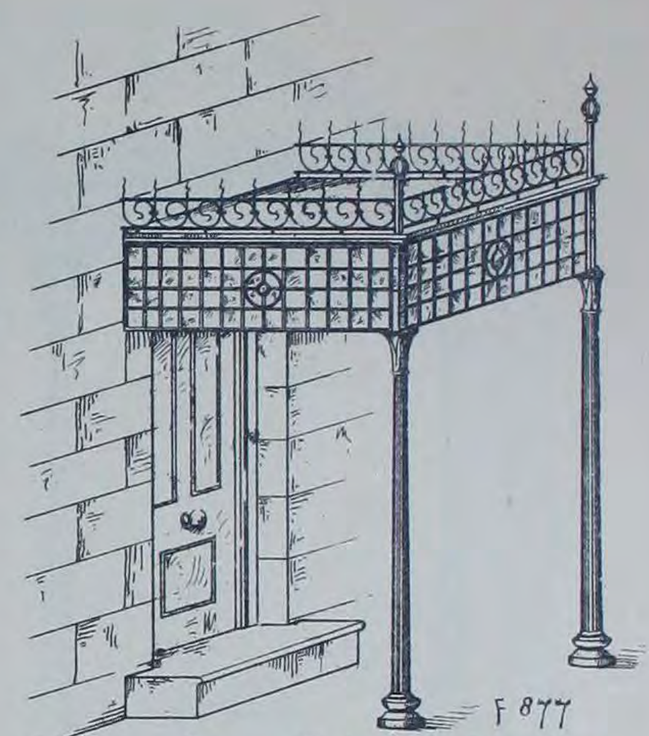
Above approximate prices are fitted ready for erection and include Glass. When sizes are not named, prices are to scale of $\frac{3}{8}$-in. = 1 foot, but can be made to any dimensions. Exact estimates on receipt of details, &c.



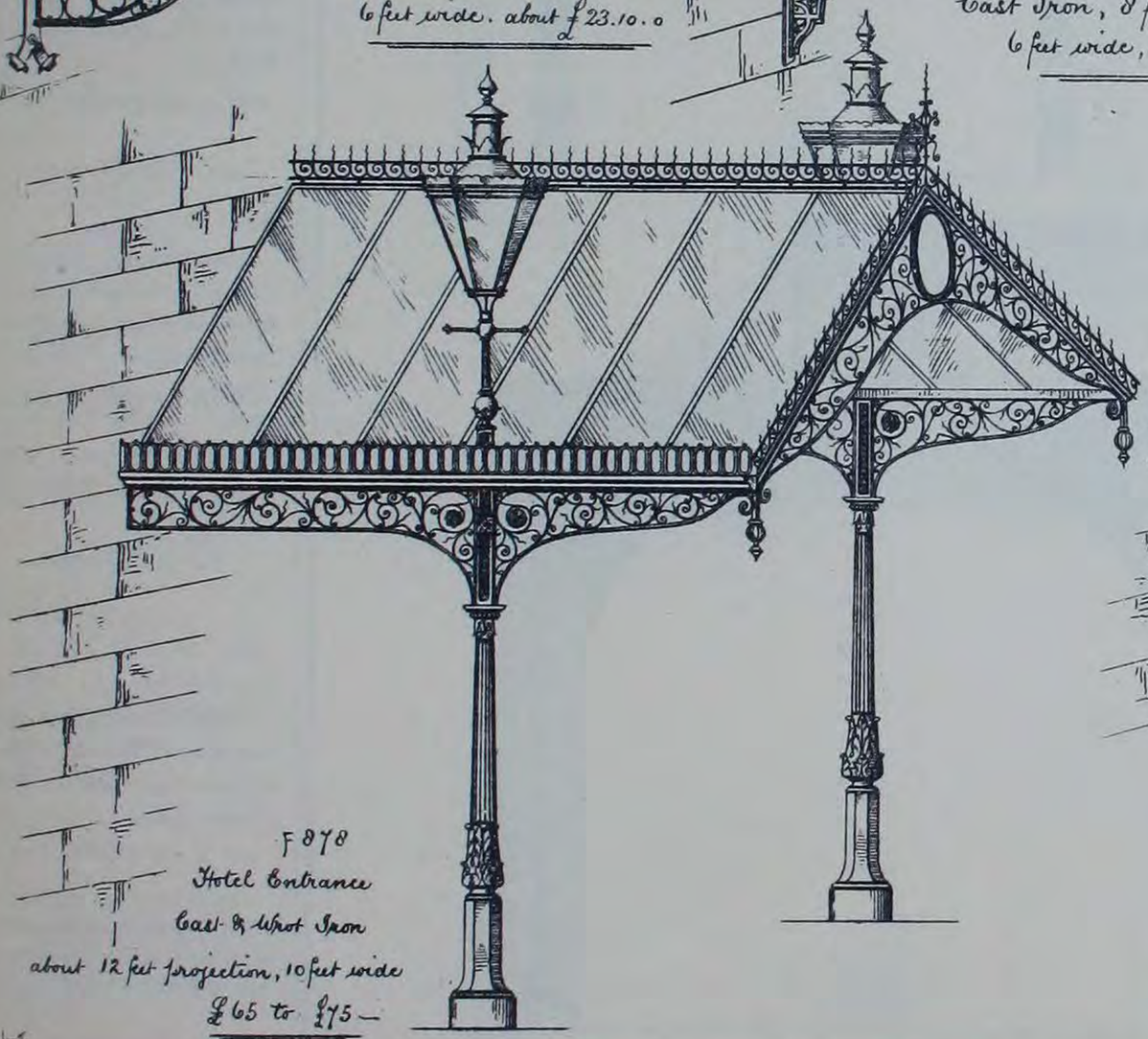
F 875.
Wrot Iron, 8 feet projection
6 feet wide. about £23.10.0



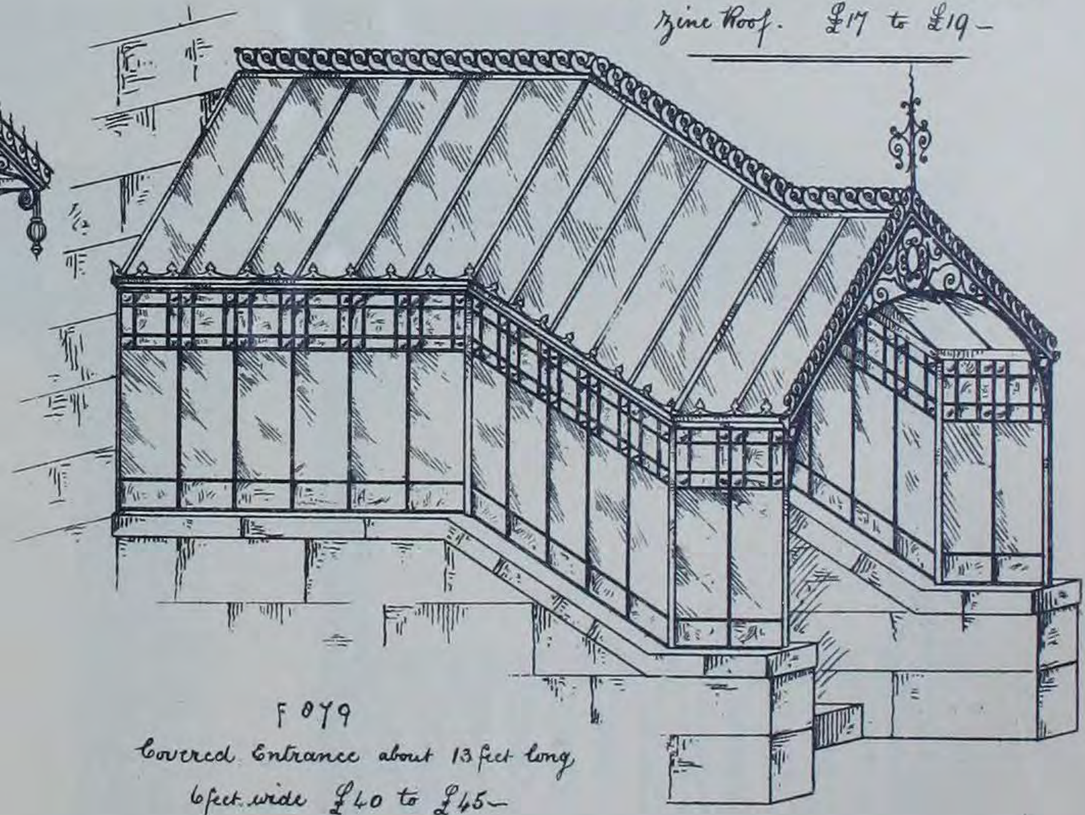
F 876.
Cast Iron, 8 feet projection
6 feet wide, about £31.0.0.



F 877
Entrance Porch. Colored Leaded Glass.
Zinc Roof. £17 to £19–



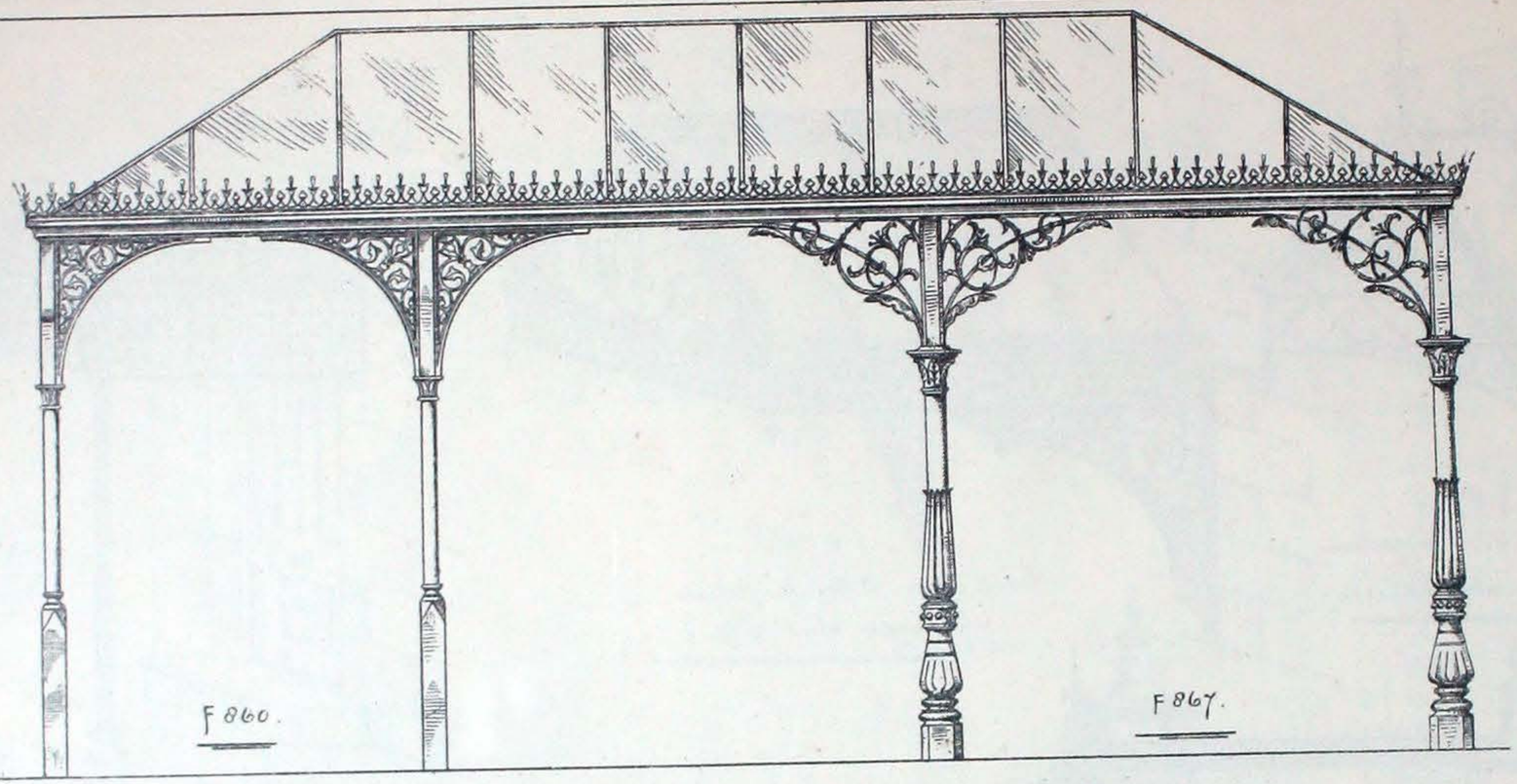
F 878
Hotel Entrance
Cast & Wrot Iron
about 12 feet projection, 10 feet wide
£65 to £75–

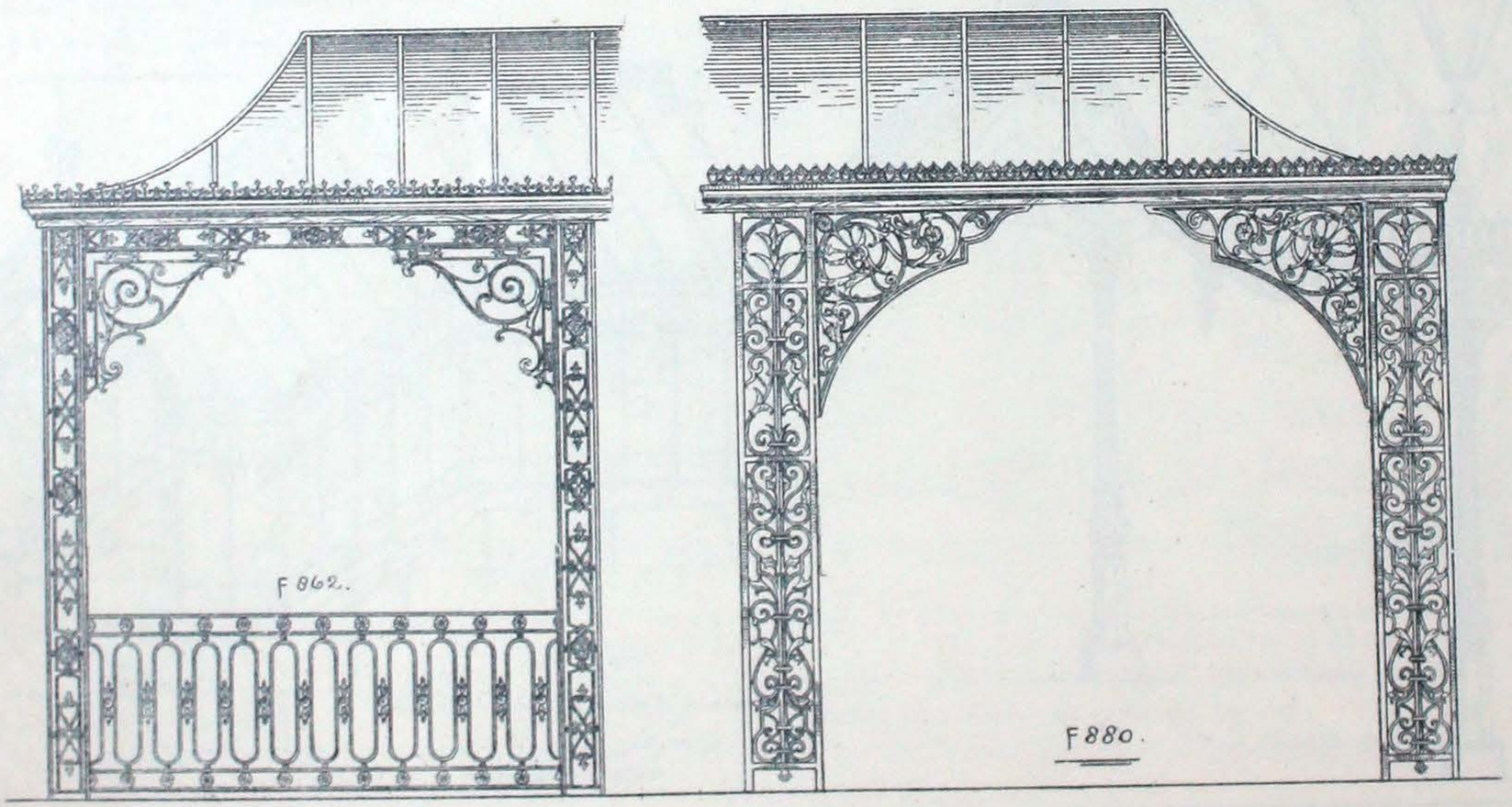


F 879
Covered Entrance about 13 feet long
6 feet wide £40 to £45–

Above approximate prices are fitted ready for erection and include Glass. Where sizes are not named, prices are to scale of ¼-in. = 1-ft., but can be made to any dimensions. Exact estimates on receipt of details, &c.

Verandahs.





PRICES.

No F 860

Cast Pillars, Brackets, Gutter & Cresting. Pillars about 7-ft. apart. Glass Roof.

23/- to 27/- per foot run

No F 867

Cast Pillars, Brackets, Gutter & Cresting. Pillars about 7-ft. apart Glass Roof

28/- to 32/ per foot run.

No. F 862.

Cast Pilasters, Brackets, Frieze, Gutter and Cresting. Pilasters about 9-ft apart. Zinc Roof.

28/- to 32/- per foot run.

Railing for ditto, 2-ft. 9-in high, fitted with half-round Top Rail.

6/4 per foot run.

No. F 880.

Cast Pilasters, Brackets, Gutter and Cresting. Pilasters about 9-ft. apart. Zinc Roof.

35/- to 39/- per foot run.

Projection from wall about 4 feet. Quotations for other sizes and designs on receipt of requirements.

PRICES.

No. F 868.

Wrot Pilasters, Brackets and Frieze. Cast Gutter and Cresting Pilasters about 9-ft. apart. Zinc Roof.

26/- to 31/- per foot run.

No. F 869.

Wrot Pilasters and Brackets. Cast Gutter and Cresting. Pilasters about 9-ft. apart. Zinc Roof.

33/- to 37/- per foot run.

No. F 865.

Wrot Pilasters and Brackets. Cast Gutter and Cresting. Pilasters about 9-ft. apart. Glass Roof.

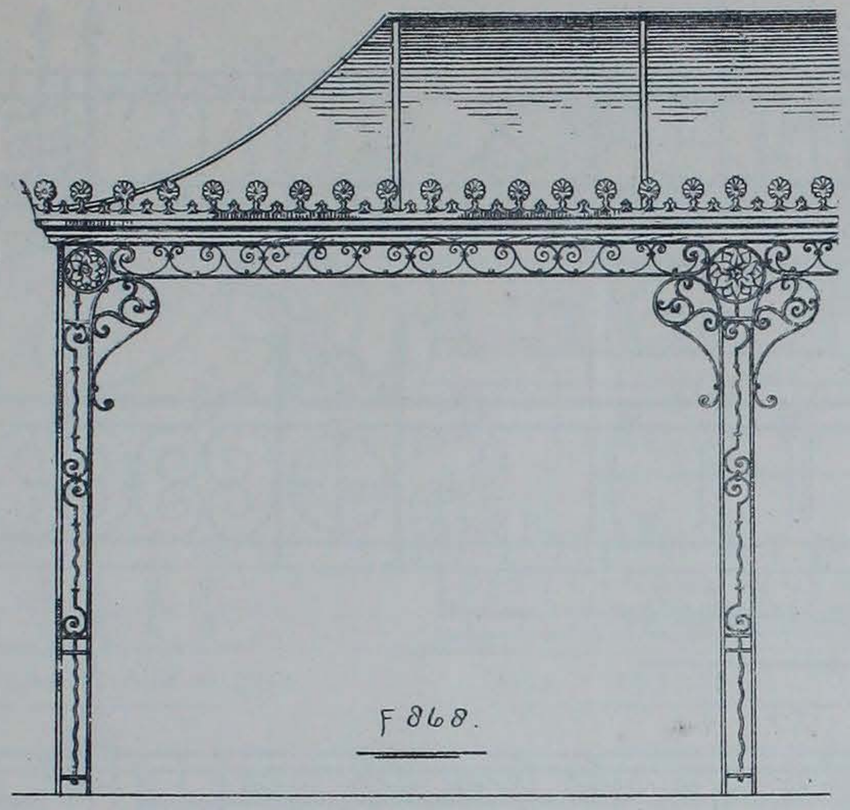
31/- to 35/- per foot run.]

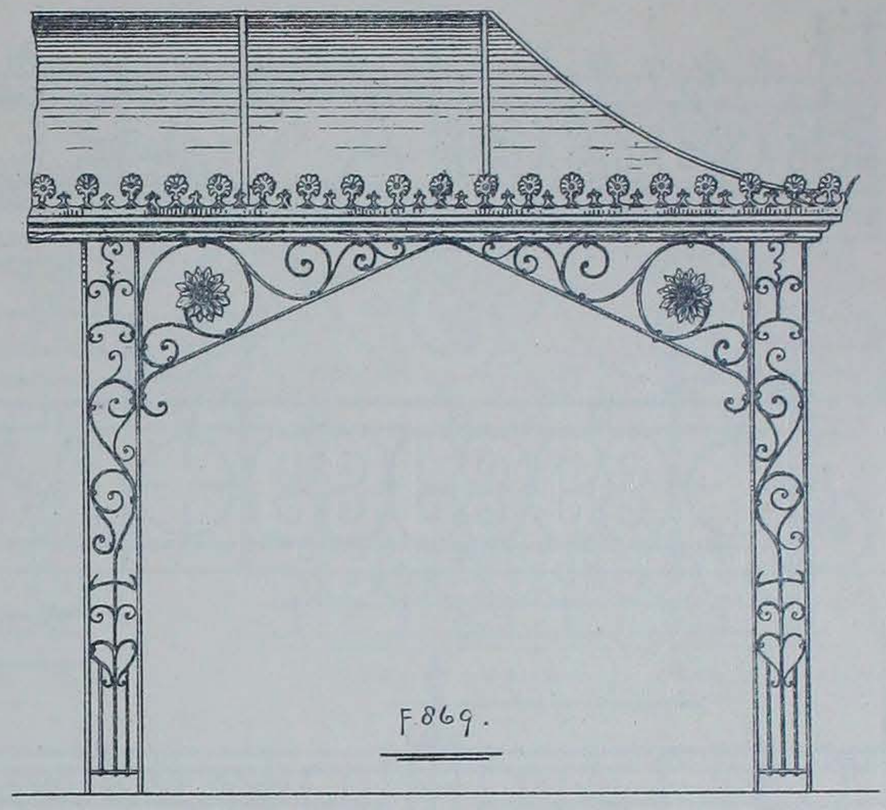
No. F 881.

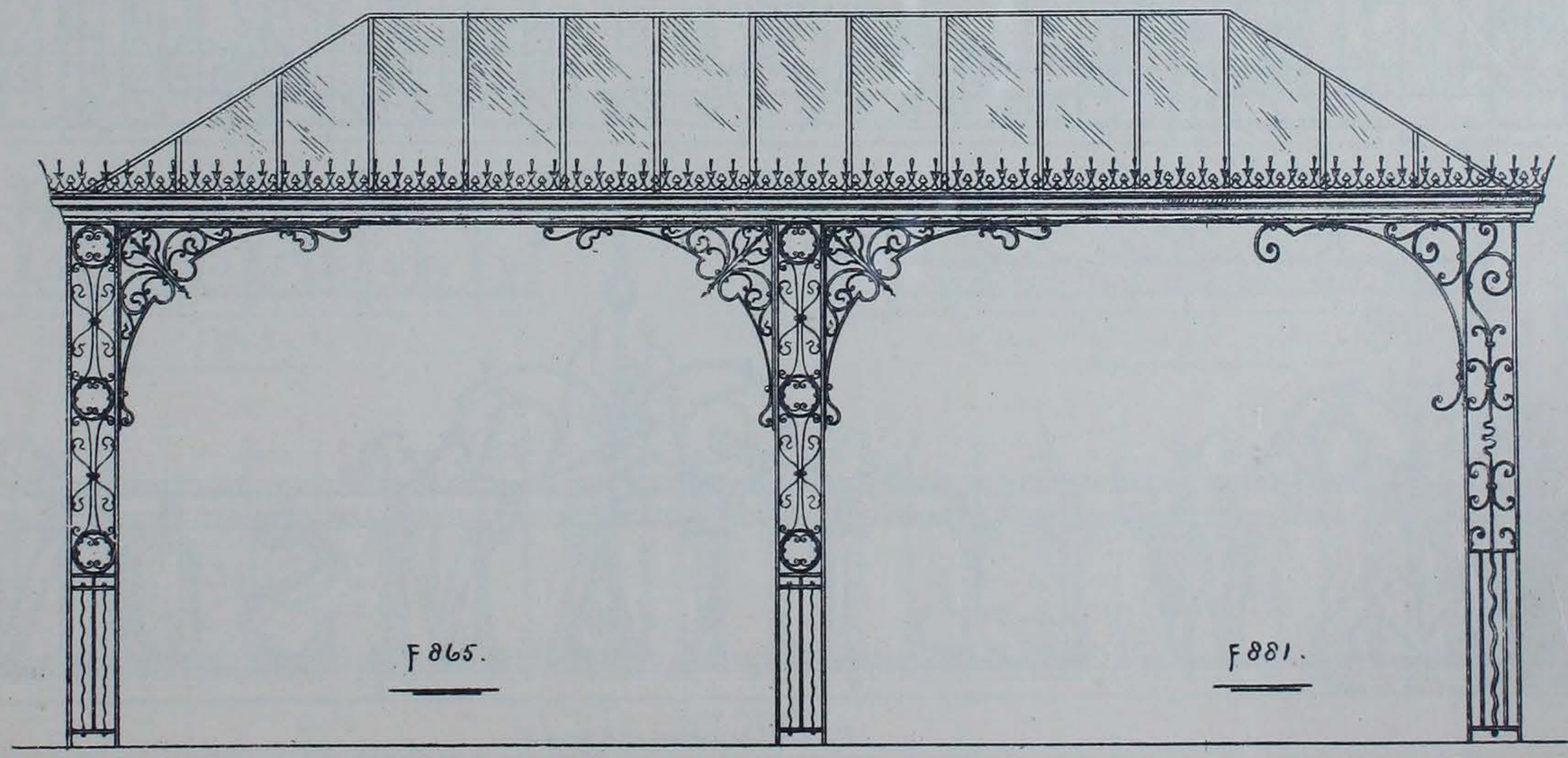
Wrot Pilasters and Brackets. Cast Gutter and Cresting. Pilasters about 9-ft. apart. Glass Roof.

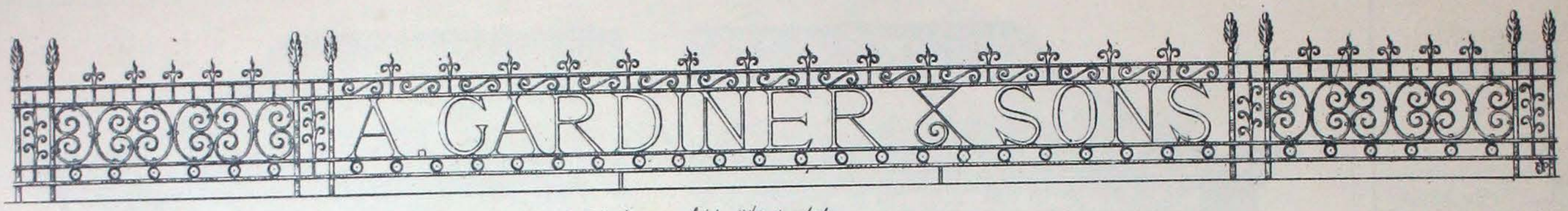
23/- to 27/- per foot run.

Projection from wall about 4 feet. Quotations for other sizes and designs on receipt of requirements.

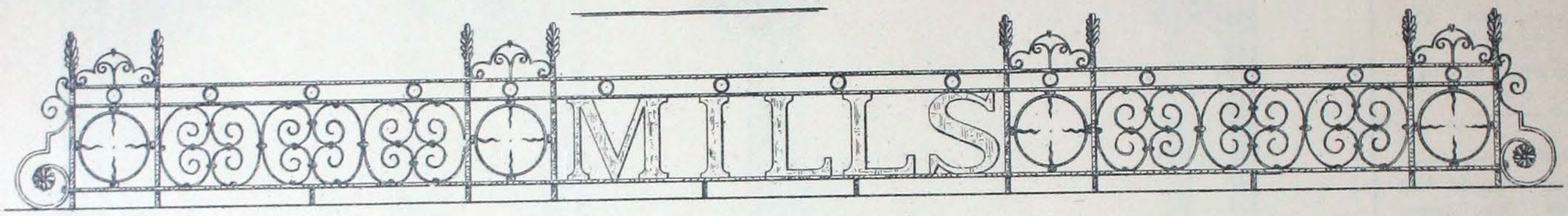




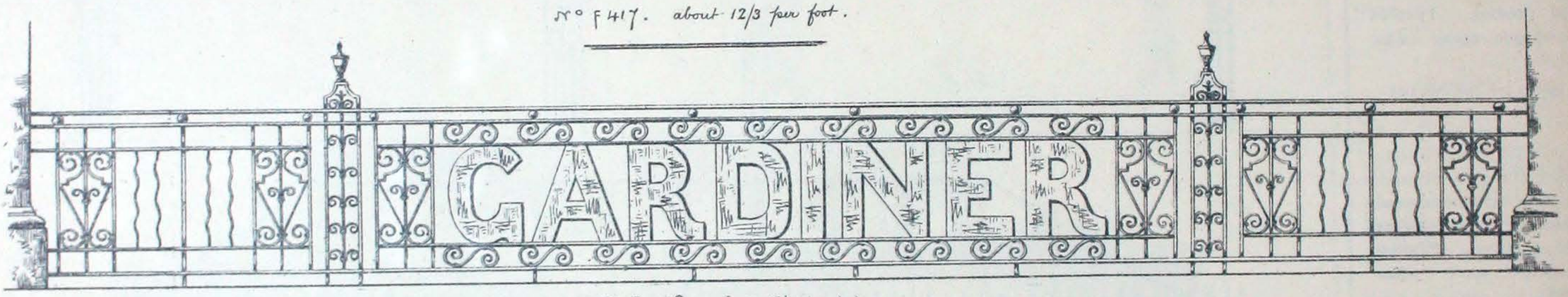




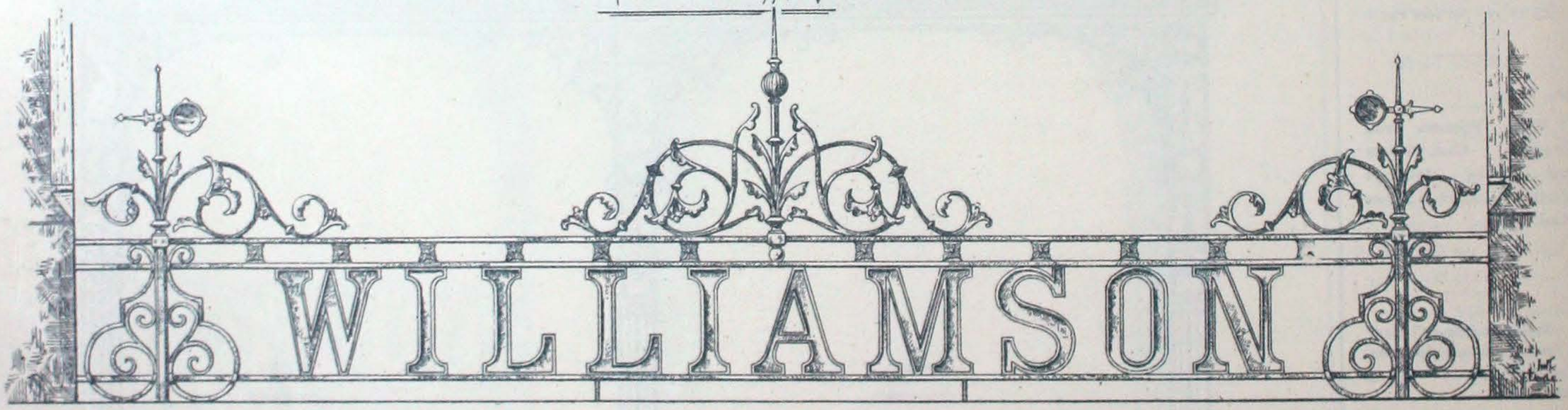
N° F 1416. about 17/9 per foot



N° F 417. about 12/3 per foot.



N° F 418 about 15/9 per foot.



N° F 419. about 16/6 per foot.
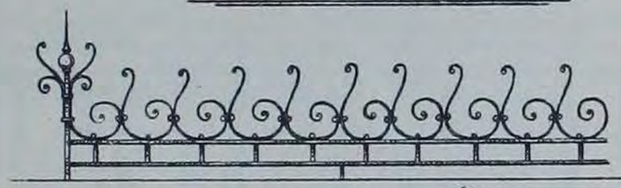
When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.



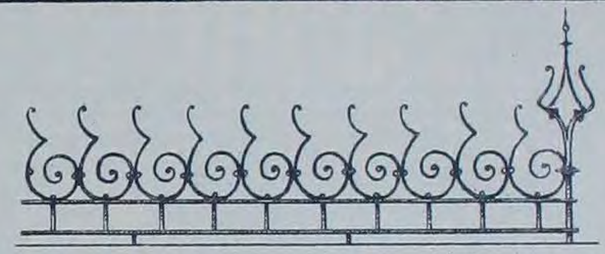
F 424. £21.0.0



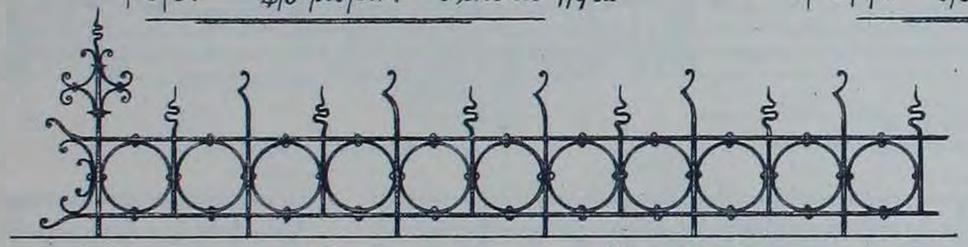
F 678. 4/3 per foot. Finials 7/9 ea



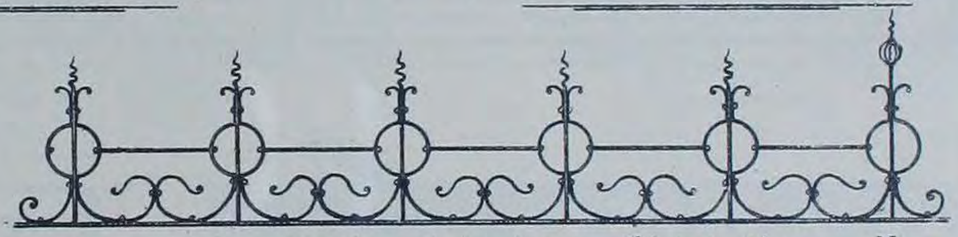
F 679. 5/6 per foot: Finials 12/- ea



F 680. 6/6 per foot. Finials 13/3 each.



F 681. 7/6 per foot. Finials 17/6 ea



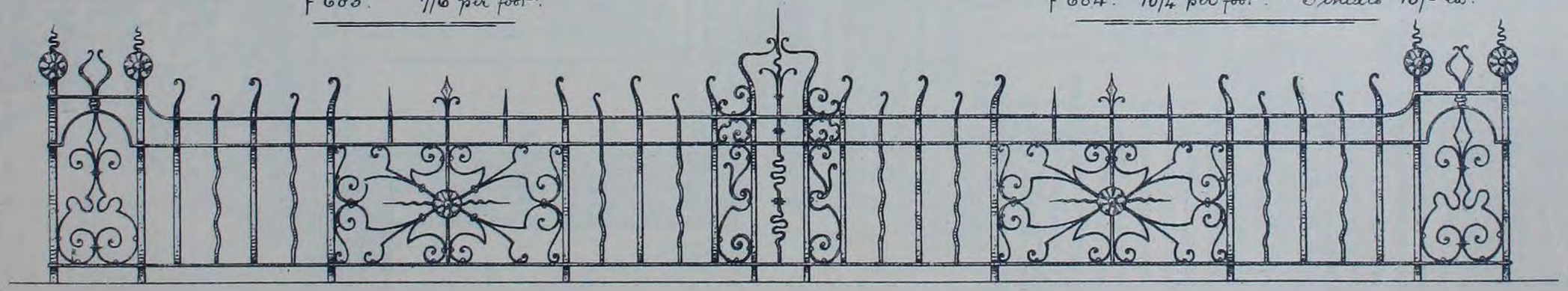
F 682. 5/9 per foot. Finials 6/- ea



F 683. 7/6 per foot.



F 684. 10/4 per foot. Finials 15/- ea.



F 467. 17/9 per foot.

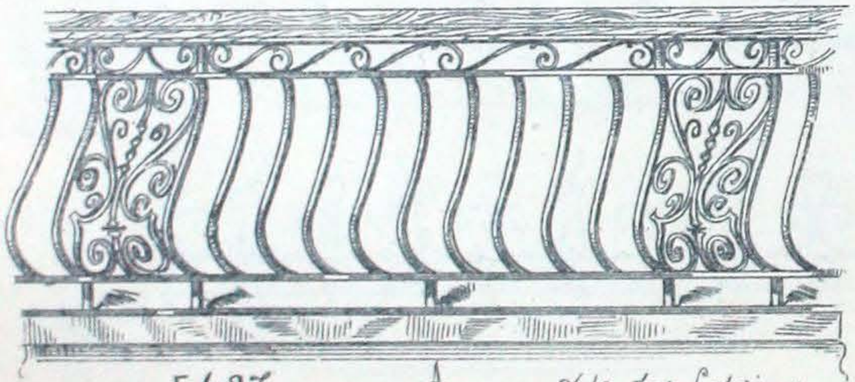
When sizes are not stated prices are to scale of ½-in. =1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

Balcony and Shop Front Railing.

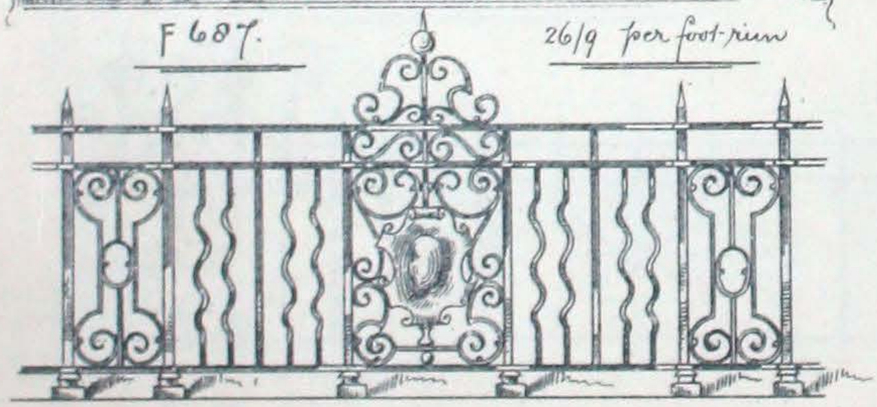


F 685. 20/- per foot run.

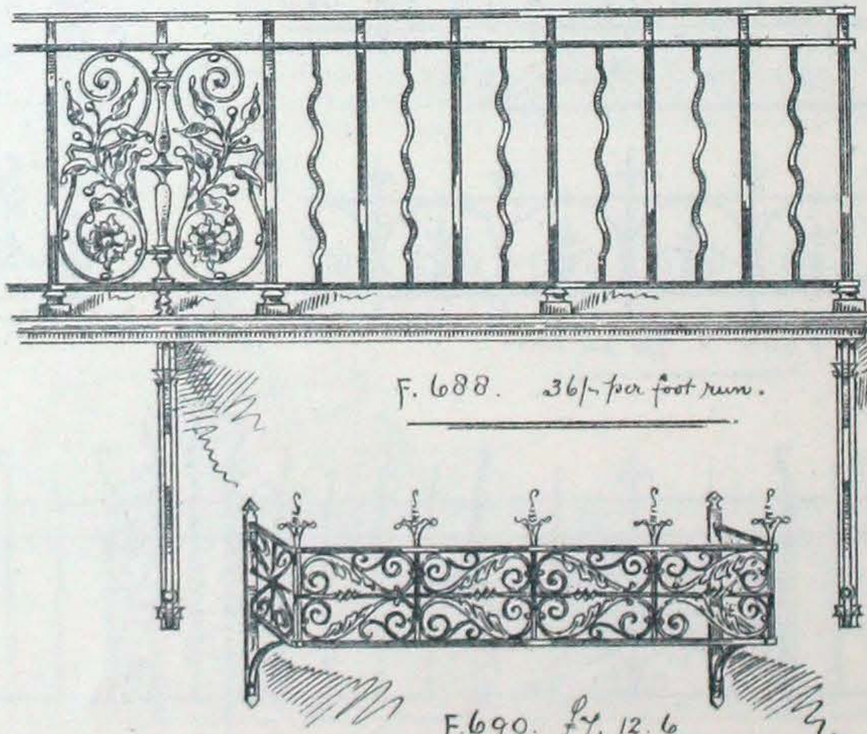
F 686. 27/3 per foot run.



F 687. 26/9 per foot run

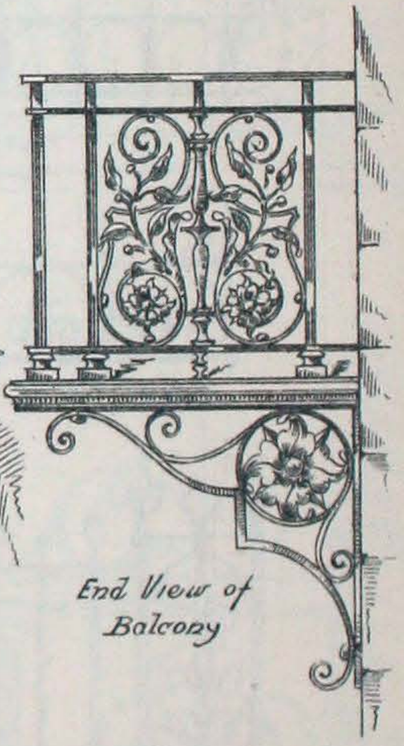


F 689. 24/- per foot run.



F. 688. 36/- per foot run.

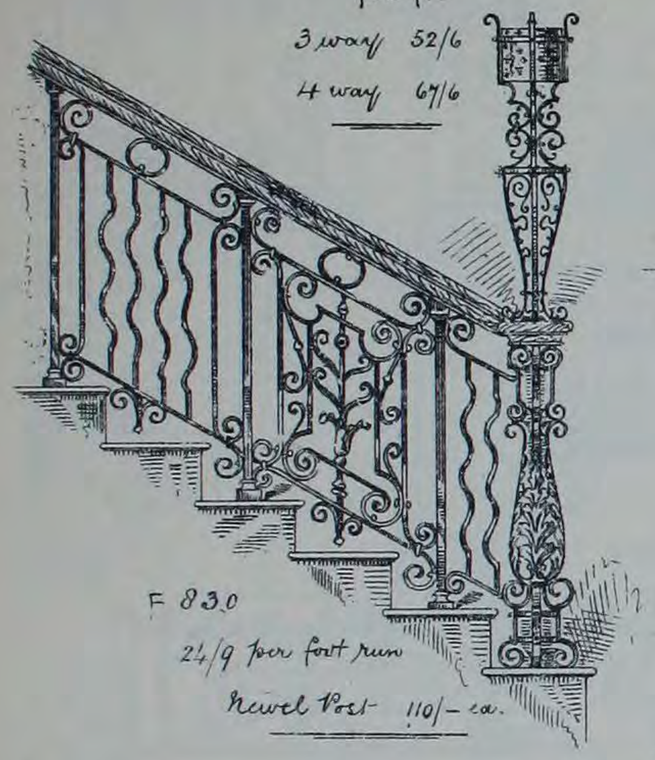
F. 690. £7. 12. 6 each.



End View of Balcony

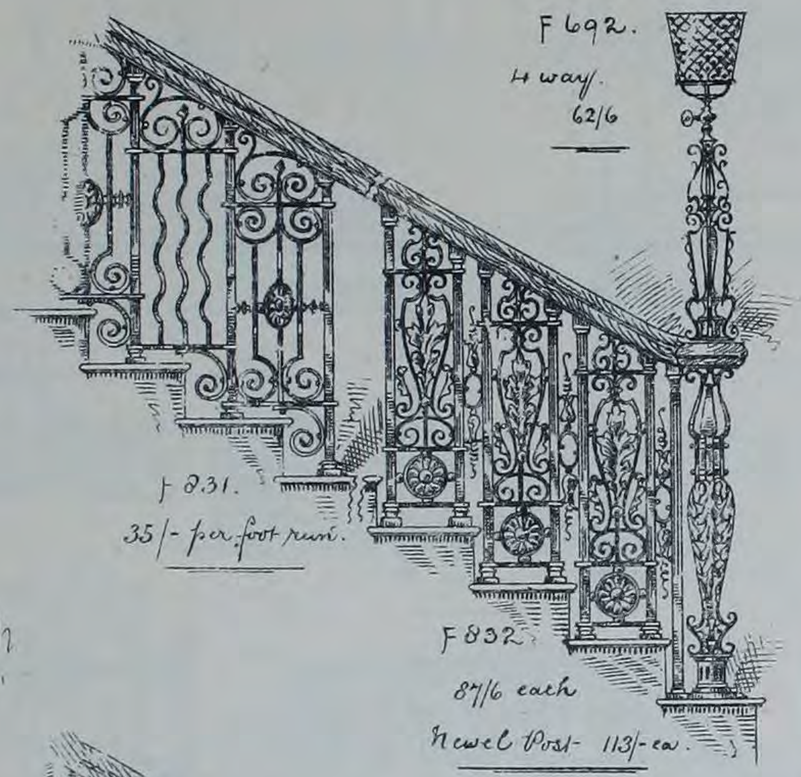
When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

F.691.
3 way 52/6
4 way 67/6



F 830
24/9 per foot run
Newel Post 110/- ea.

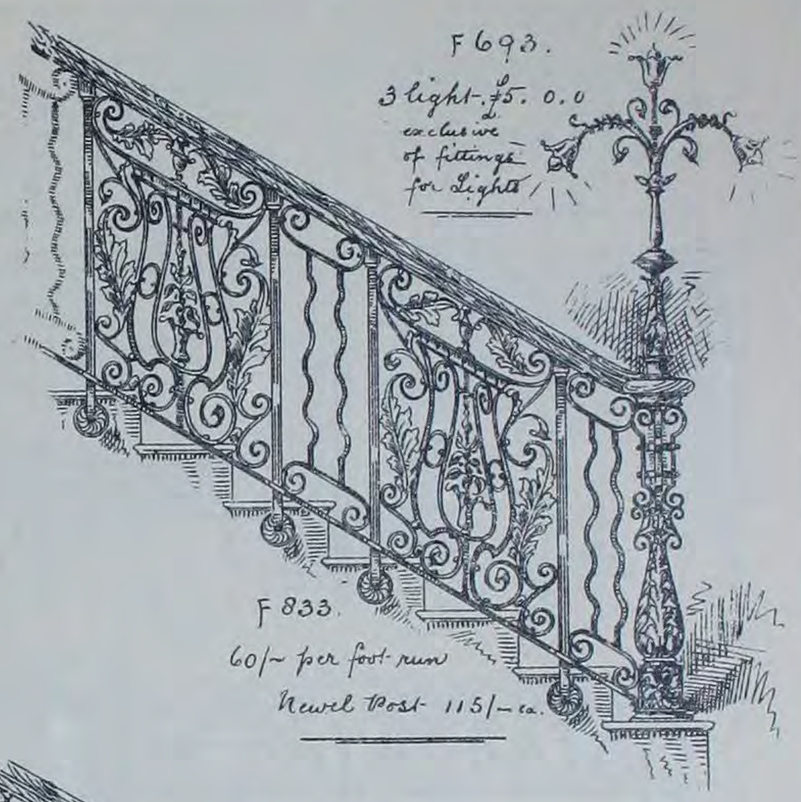
F 692.
4 way.
62/6



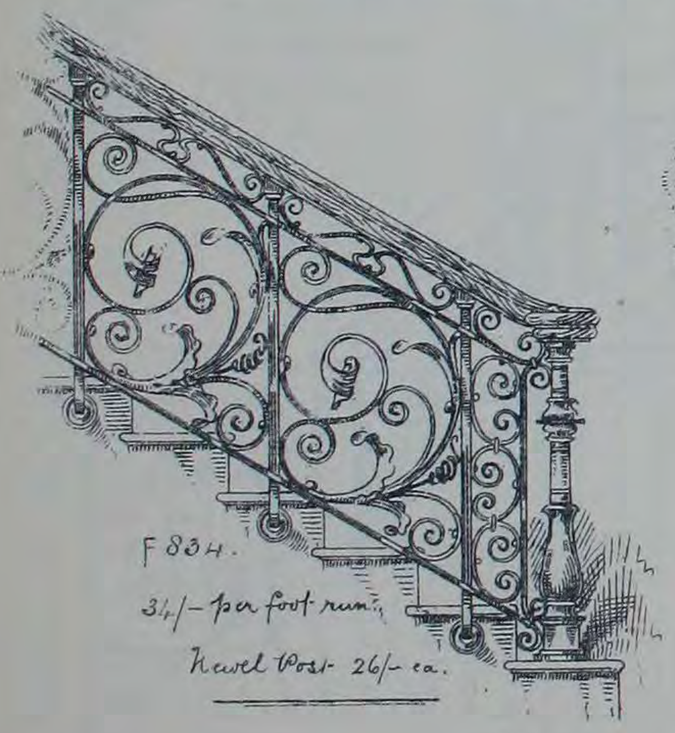
F 831.
35/- per foot run.

F 832.
87/6 each
Newel Post 113/- ea.

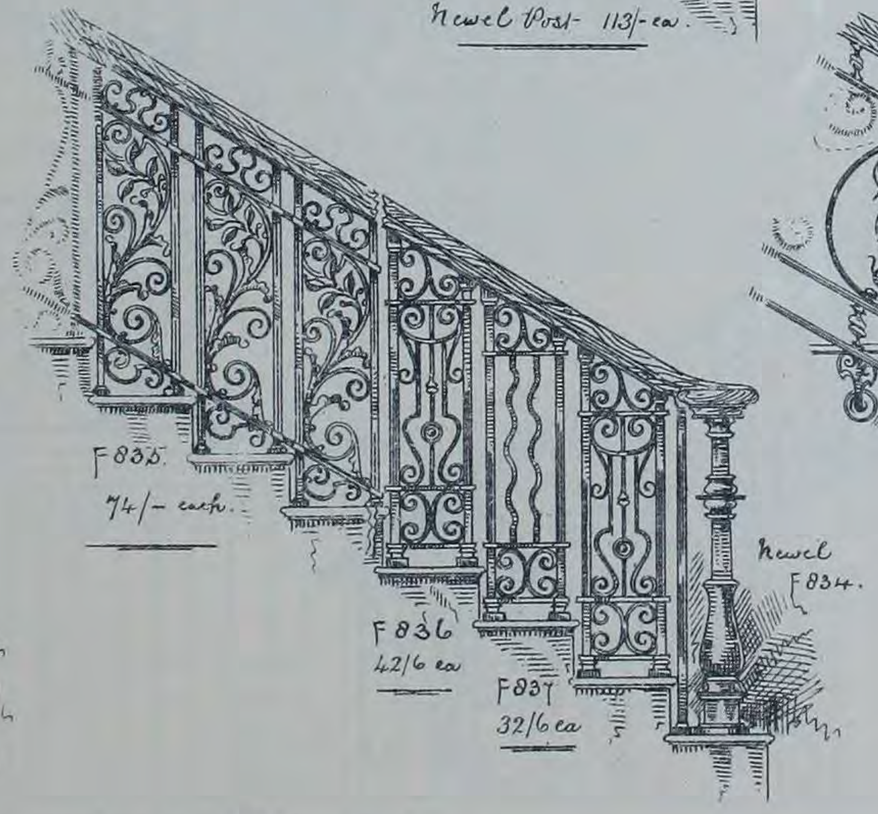
F 693.
3 light - £5. 0.0
exclusive of fittings for Lights



F 833.
60/- per foot run
Newel Post 115/- ea.



F 834.
34/- per foot run.
Newel Post 26/- ea.

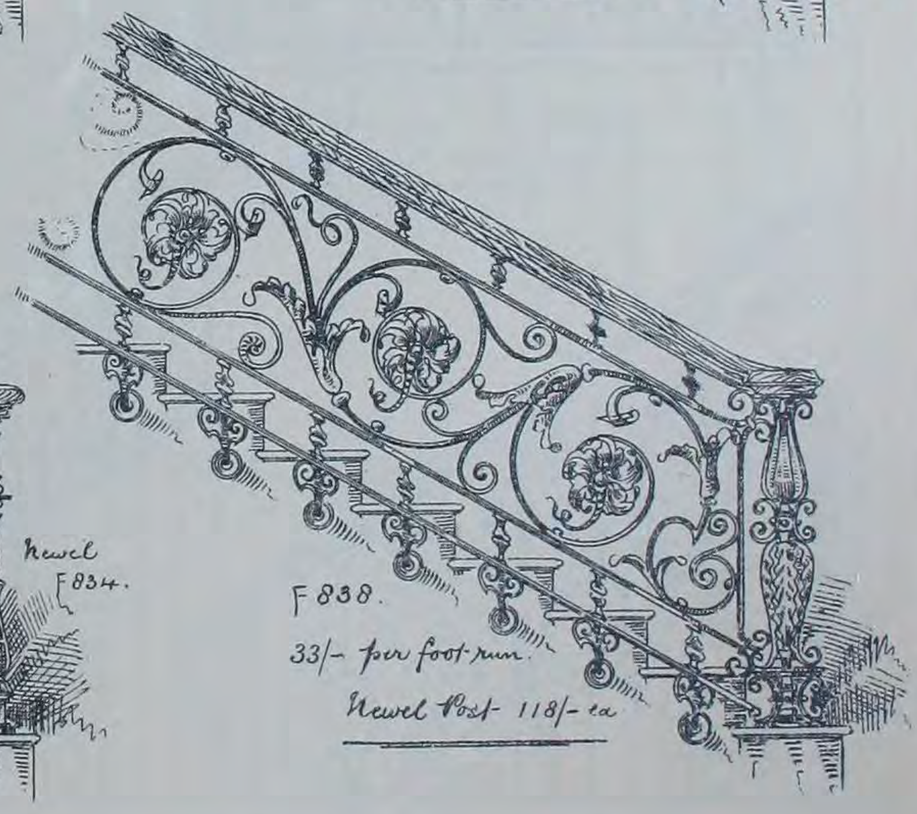


F 835.
74/- each.

F 836
42/6 ea

F 837
32/6 ea

Newel F 834.

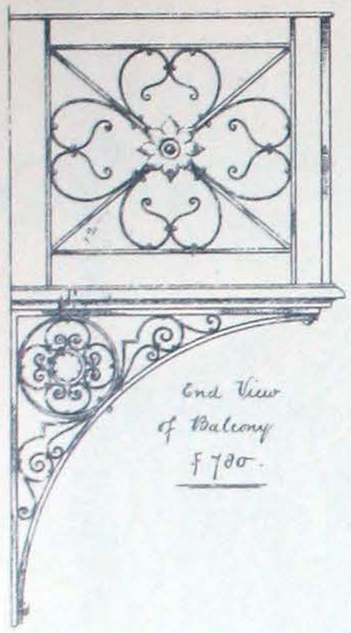


F 838.
33/- per foot run.
Newel Post 118/- ea

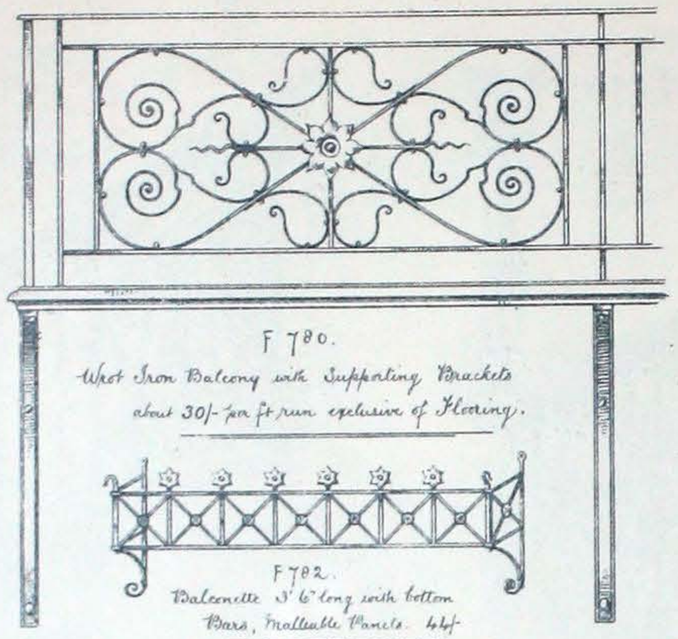
Prices are exclusive of Handrail.

When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*

Balconies, Balconettes and Balustrades.

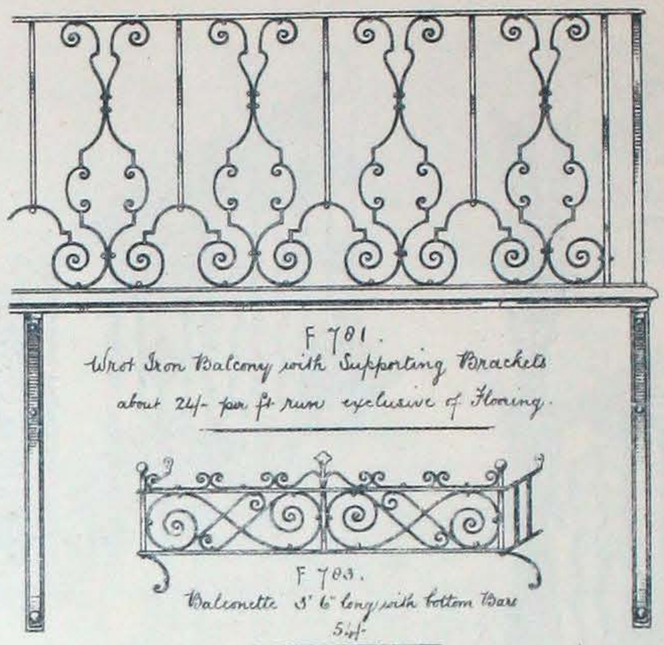


End View of Balcony F 780.



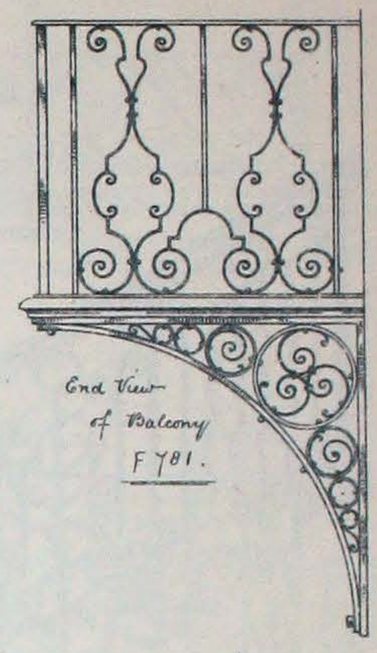
F 780.
Wrot Iron Balcony with Supporting Brackets about 30/- per ft run exclusive of Flooring.

F 782.
Balconette 3' 6" long with bottom Bars, Malleable Panels. 44/-

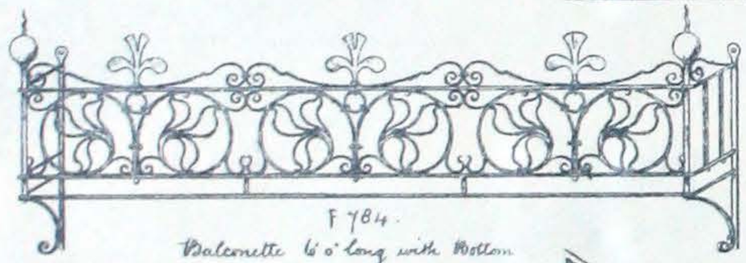


F 781.
Wrot Iron Balcony with Supporting Brackets about 24/- per ft run exclusive of Flooring.

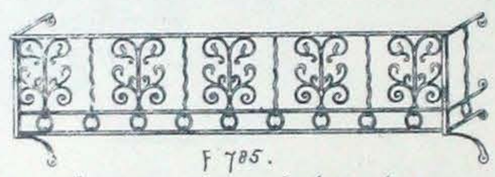
F 783.
Balconette 3' 6" long with bottom Bars 54/-



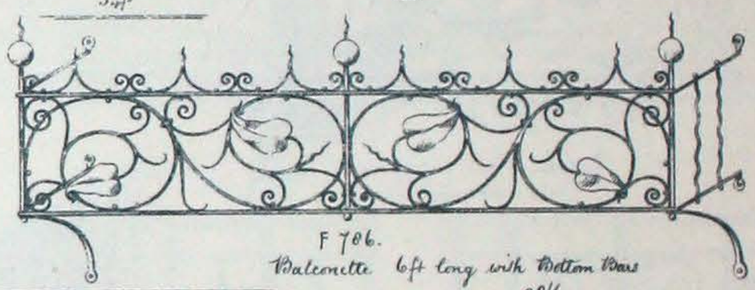
End View of Balcony F 781.



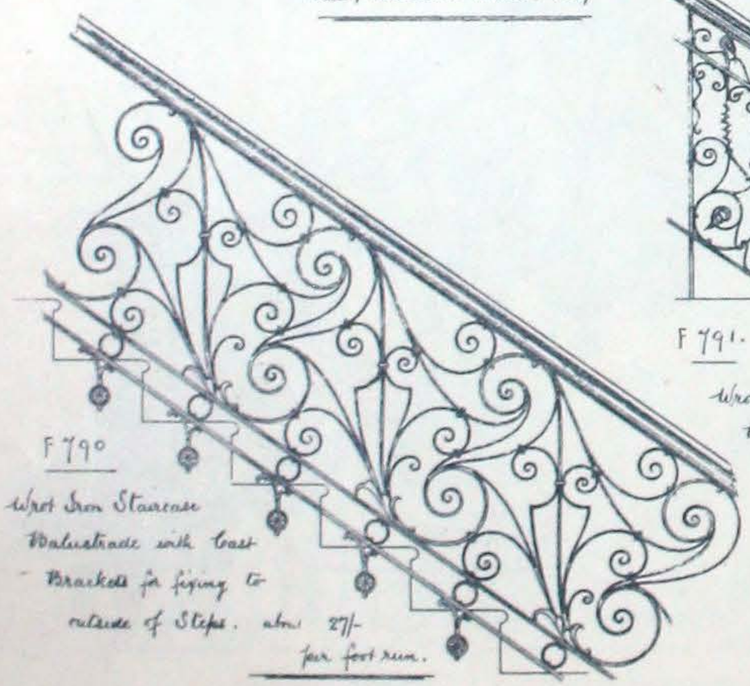
F 784.
Balconette 6' 0" long with Bottom Bars, Malleable Panels. 105/-



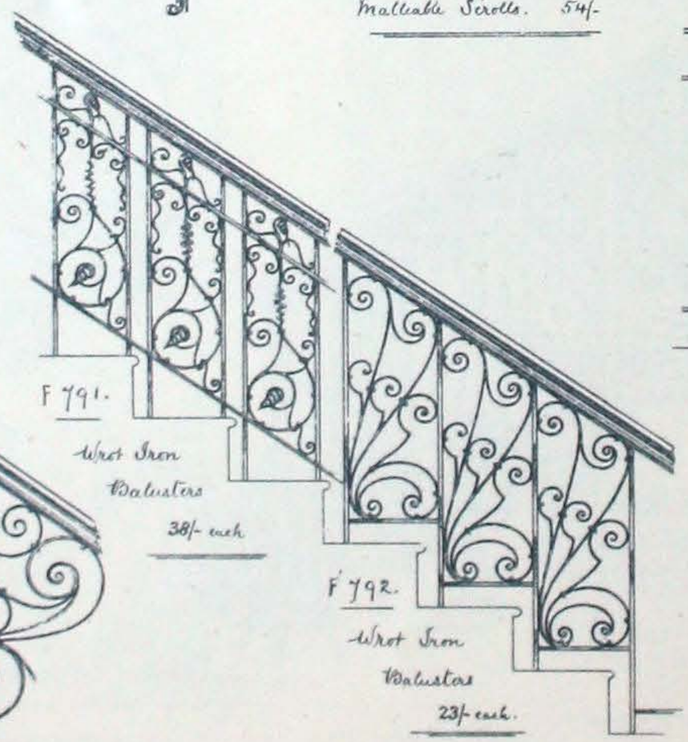
F 785.
Balconette 10 ft long with Bottom Bars. Malleable Scrolls. 54/-



F 786.
Balconette 6 ft long with Bottom Bars 98/6



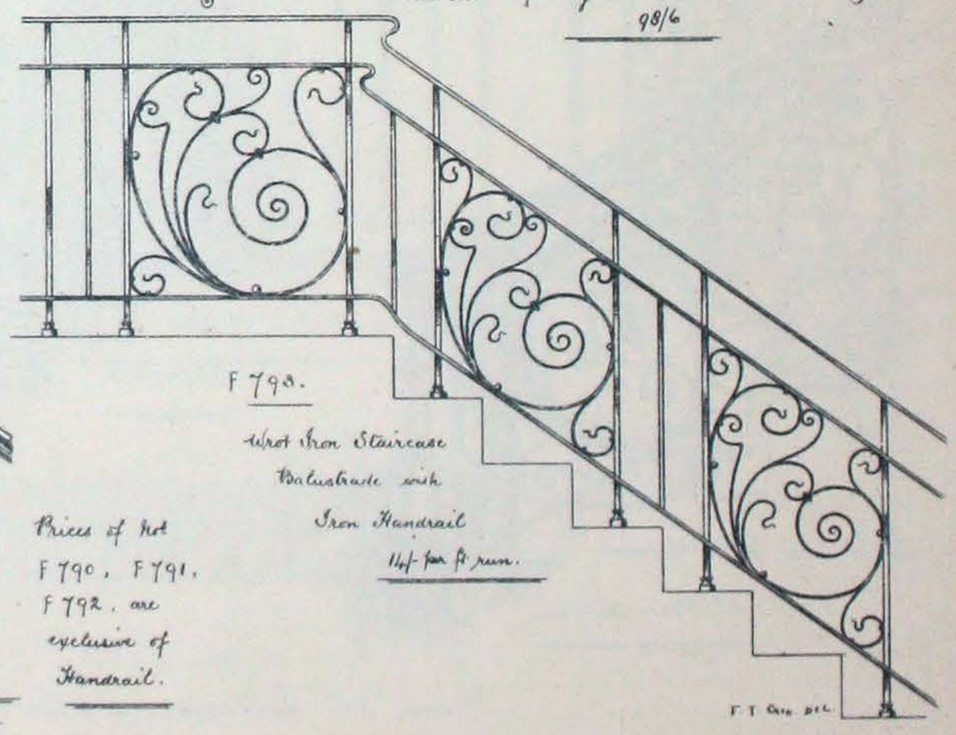
F 790
Wrot Iron Staircase Balustrade with cast Brackets for fixing to outside of Steps. abt 27/- per foot run.



F 791.
Wrot Iron Balusters 38/- each

F 792.
Wrot Iron Balusters 23/- each.

Prices of Wrot F 790, F 791, F 792, are exclusive of Handrail.

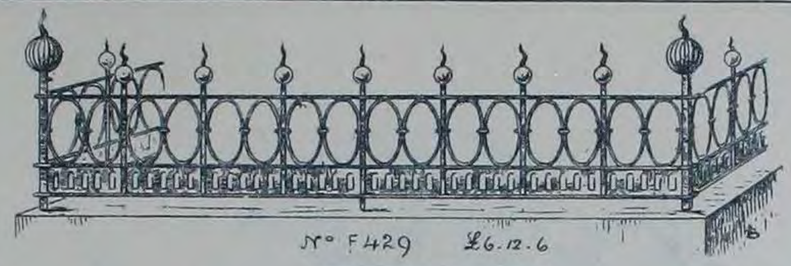


F 793.
Wrot Iron Staircase Balustrade with Iron Handrail 14/- per ft run.

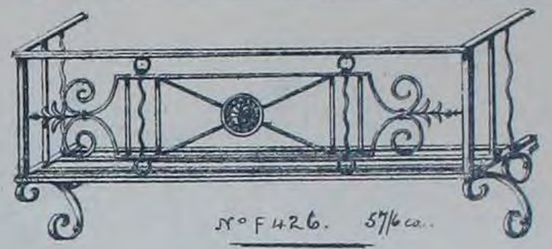
When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. *Special prices for large quantities on receipt of specification.*



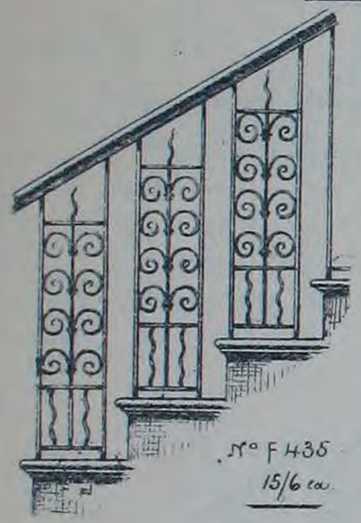
N° F 425 58/- ea.



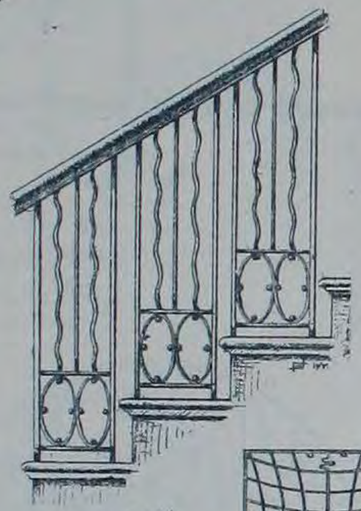
N° F 429 £6.12.6



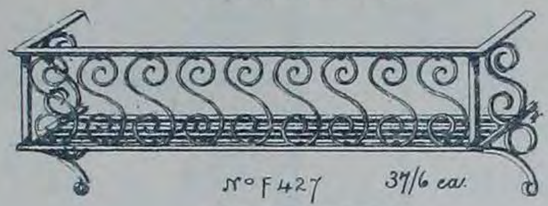
N° F 426. 57/6 ea.



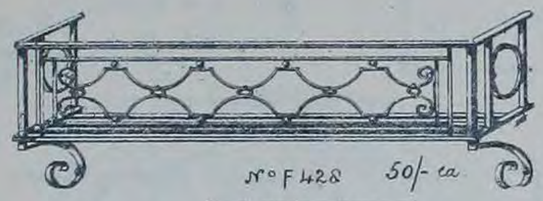
N° F 435 15/6 ea.



N° F 436 14/- ea



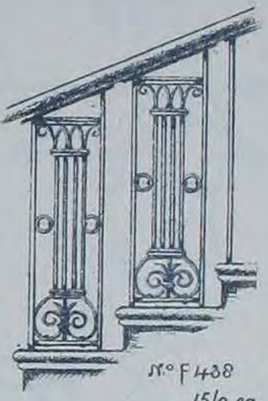
N° F 427 37/6 ea.



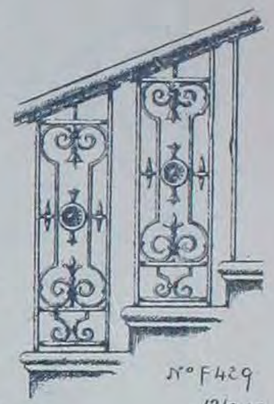
N° F 428 50/- ea



N° F 437 20/- ea



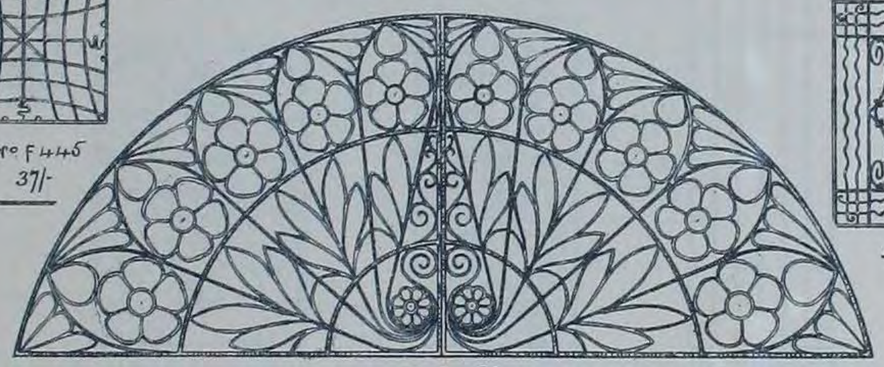
N° F 438 15/9 ea



N° F 429 13/9 ea



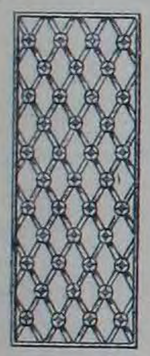
N° F 445 37/-



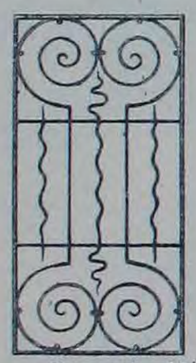
N° F 450 £12.17.0



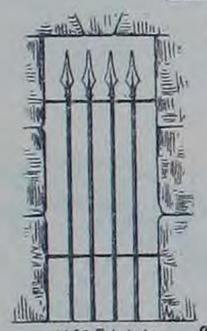
N° F 446 44/-



N° F 442 35/-



N° F 443 25/6



N° F 444 8/9



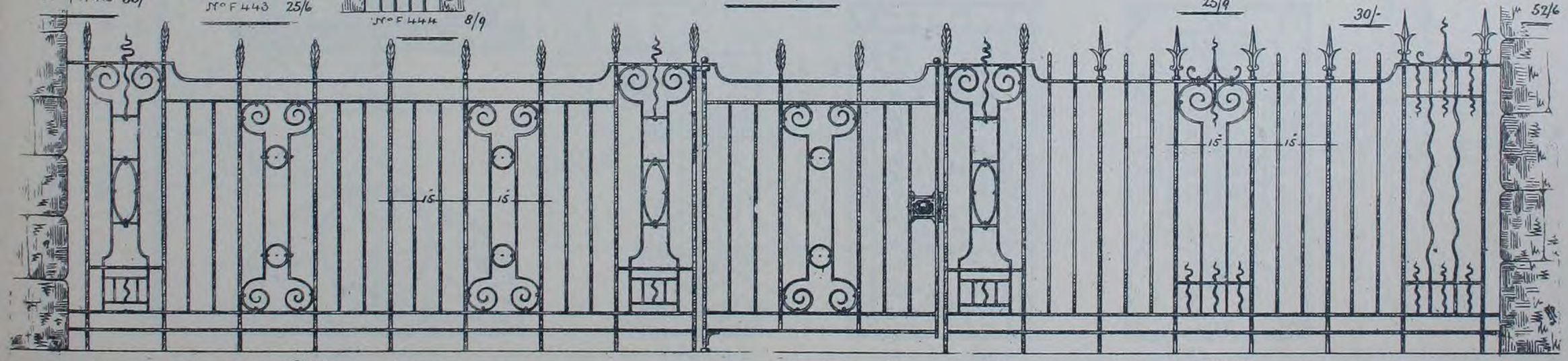
N° F 447 25/9



N° F 448 30/-



N° F 449 52/6



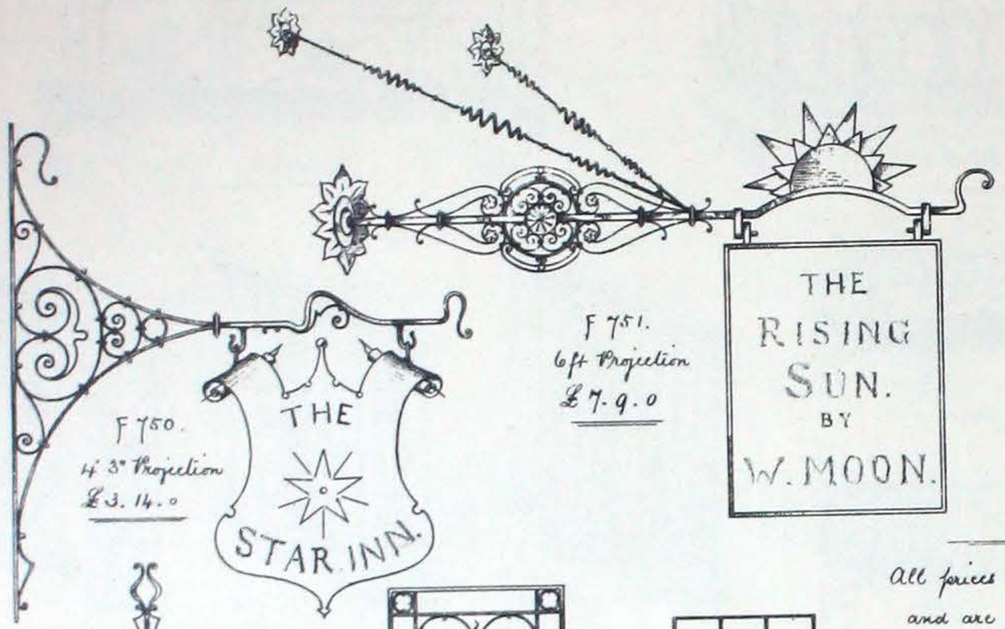
N° F 455 Railing 14/- per foot run.

N° F 455 Gates £3.17.0 with Sock.

N° F 456 Railing. 13/6 per foot run.

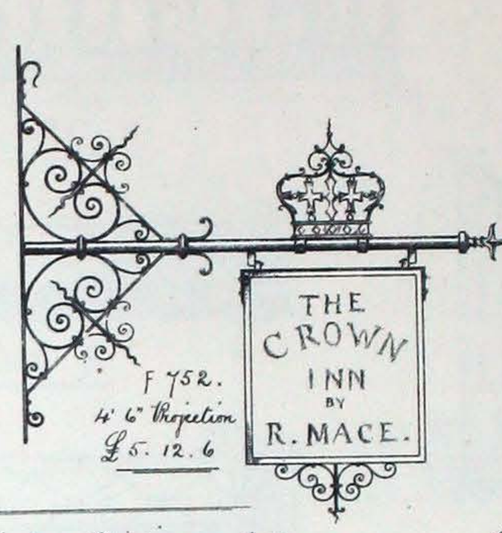
When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.

Signs, Grilles, Blind Posts and Brackets.

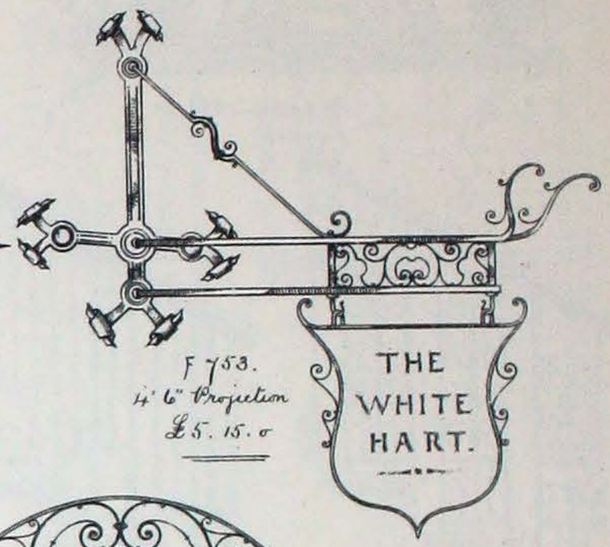


F 750.
4' 3" Projection
£3. 14. 0

F 751.
6ft Projection
£7. 9. 0



F 752.
4' 6" Projection
£5. 12. 6

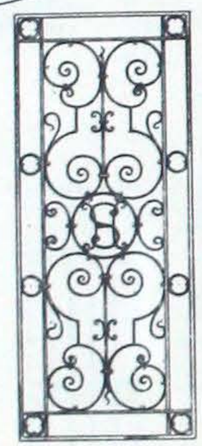


F 753.
4' 6" Projection
£5. 15. 0

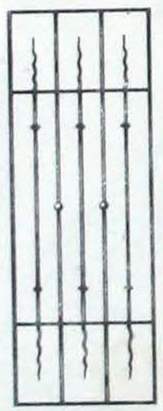
All prices include Painting one Coat and are exclusive of Lettering Signs.



F 754.
for Wood Posts
2' 9" x 2' 6"
£5. 12. 0
Smoke only.



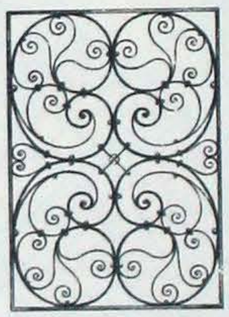
F 761. £5. 16. 0



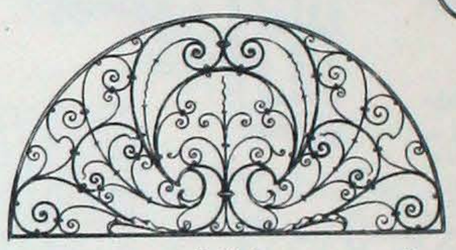
F 762. 18/-



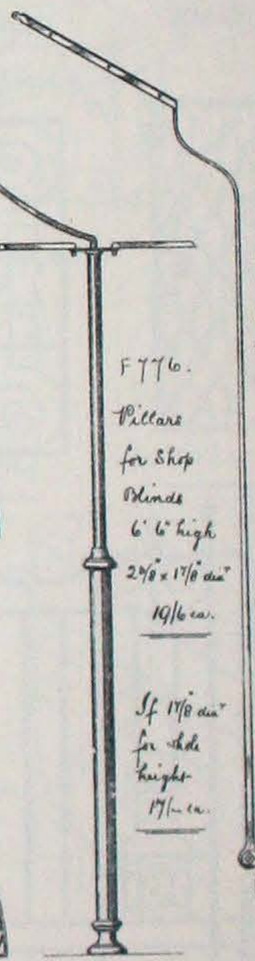
F 763. £6. 0. 0

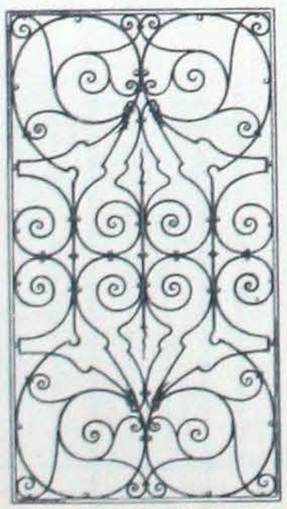


F 764. £14. 11. 6

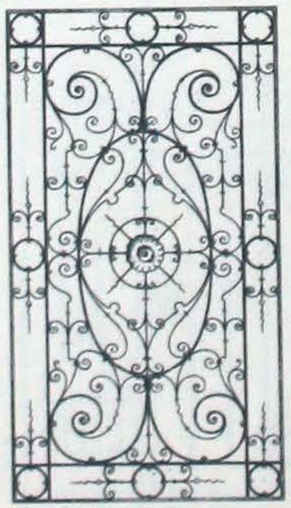


F 768.
£7. 8. 0





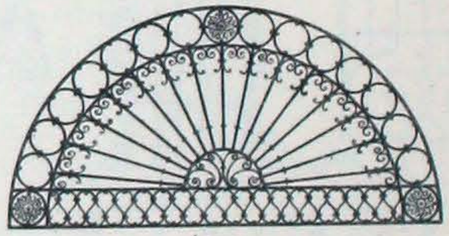
F 765. £7. 15. 0



F 766. £9. 13. 0



F 767. £3. 17. 6



F 769.
£8. 13. 6



F 770. £4. 0. 0

When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Special prices for large quantities on receipt of specification.



F. 476. £ 5. 13. 0



F. 477.
£ 8. 11. 0
Polished Bronze Letters.



F. 478
£ 7. 17. 6



F. 479. £ 16. 0. 0
Polished Bronze Letters.

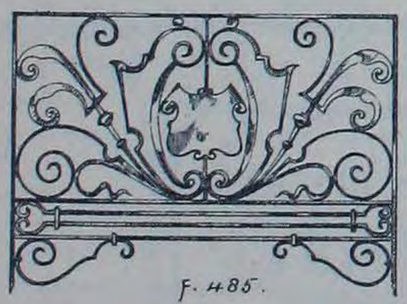


F. 483. £ 10. 6. 0
Polished Bronze Letters.



F. 484. £ 7. 14. 0

All prices include painting one coat exclusive of painted Letters on Shields.



F. 485.
£ 6. 0. 0

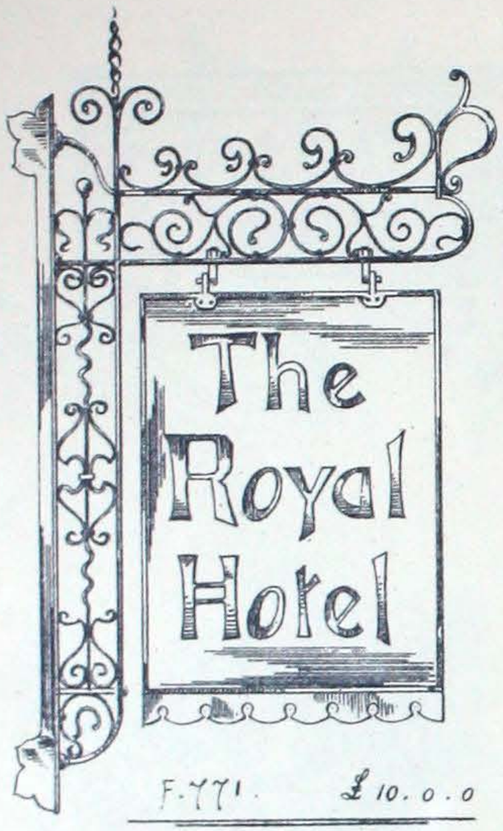


F. 486. £ 14. 18. 0
Polished Bronze Letters.

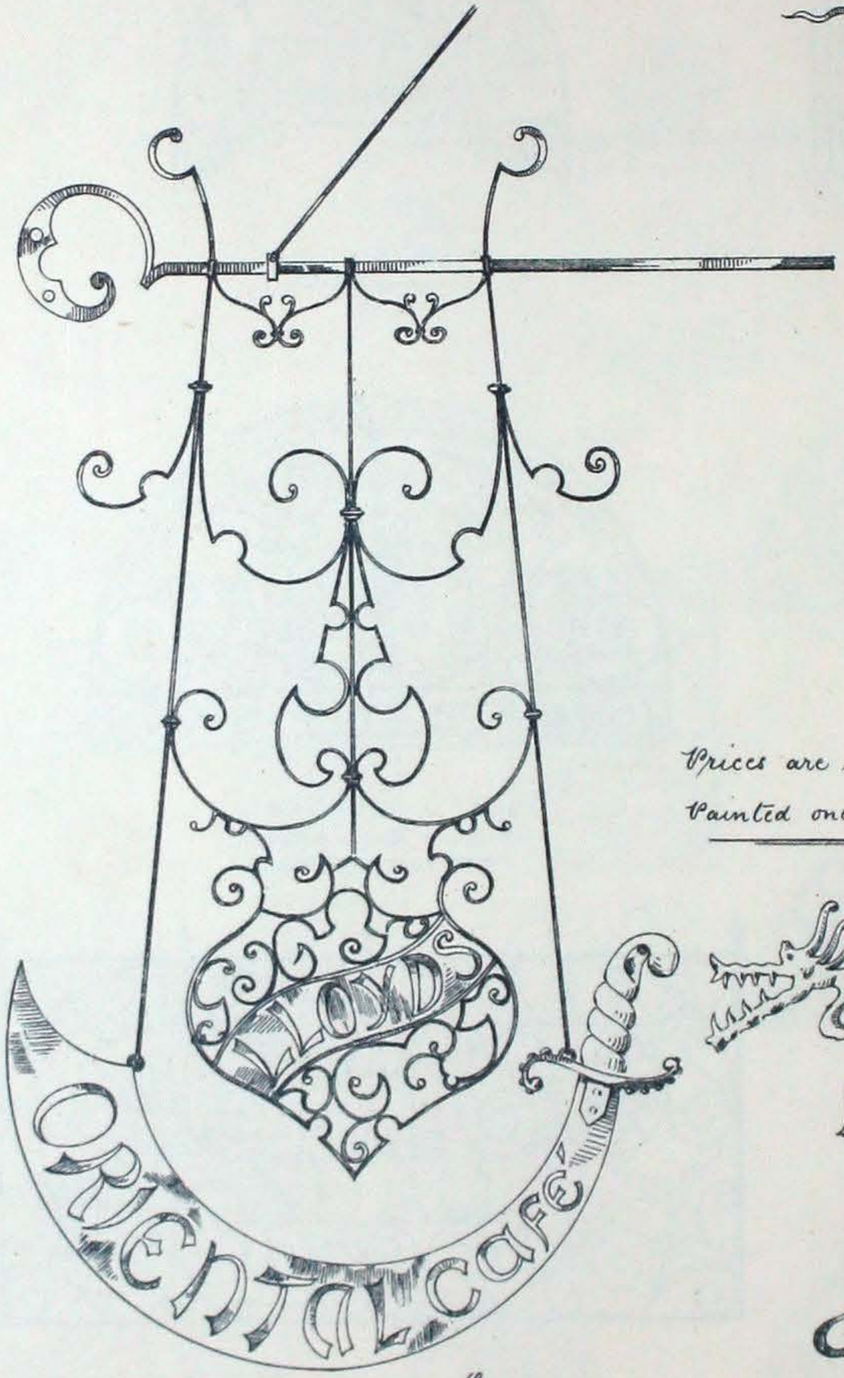


F. 487.
£ 5. 5. 0

When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*



F.771. £10.0.0



F. 774. £15.10.0

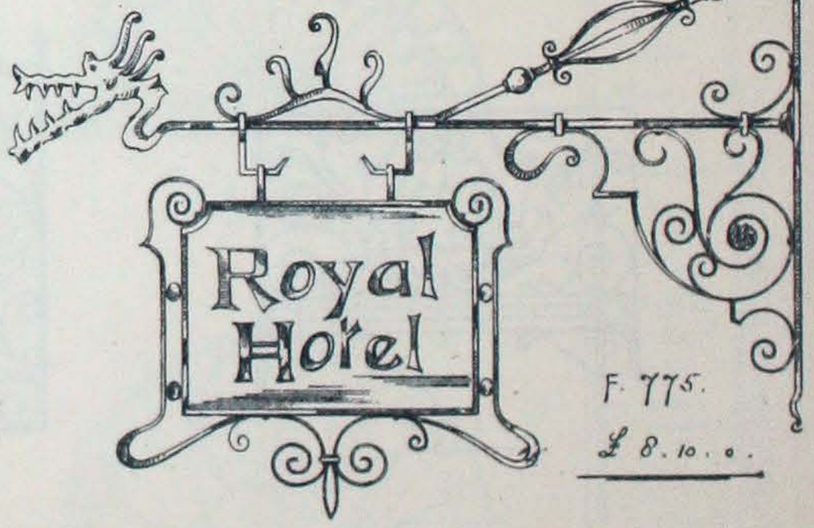


F. 772.
£10.8.0

Prices are with Fixing Bolts and 1 Stay.
Painted one coat exclusive of Lettering.



F. 773. £7.14.0

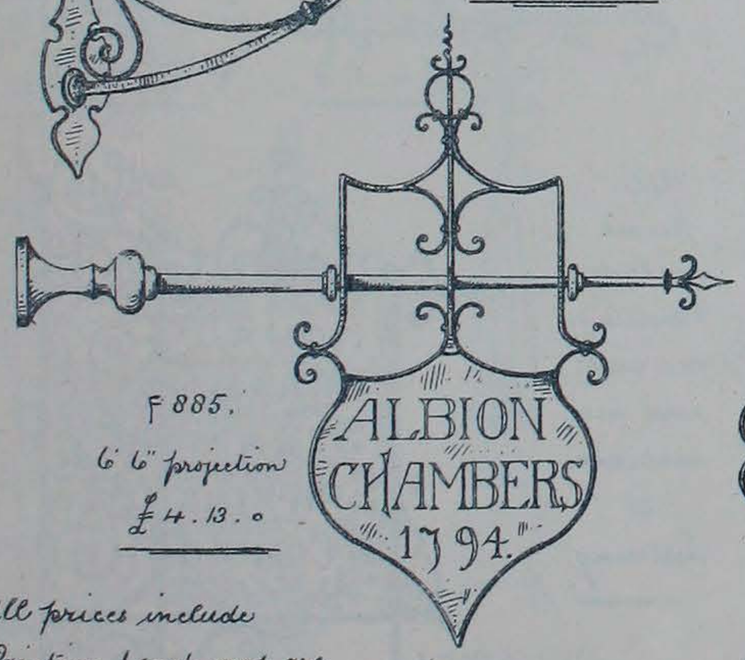


F. 775.
£8.10.0.

When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*

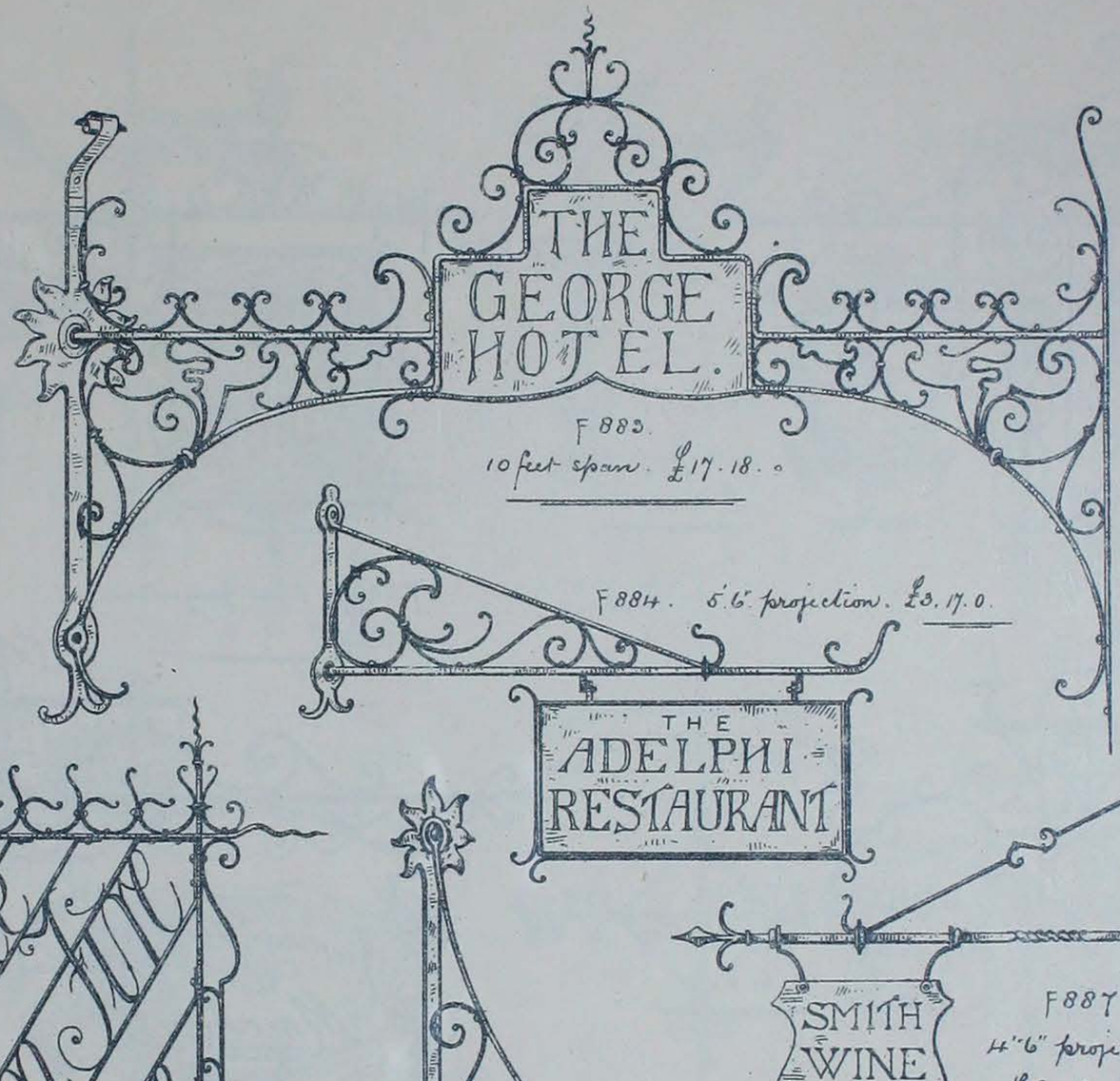


F 882
7 feet projection
Flat Ship. £10. 15. 0
Hollow Ship. £2. 10. 0 extra



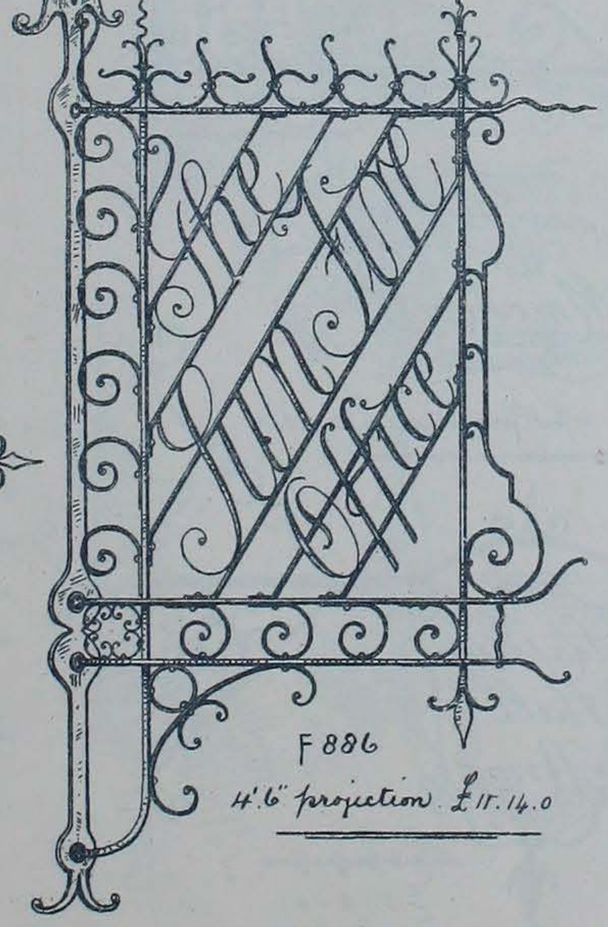
F 885.
6' 6" projection
£4. 13. 0

All prices include Painting 1 coat and are exclusive of Lettering except F 886

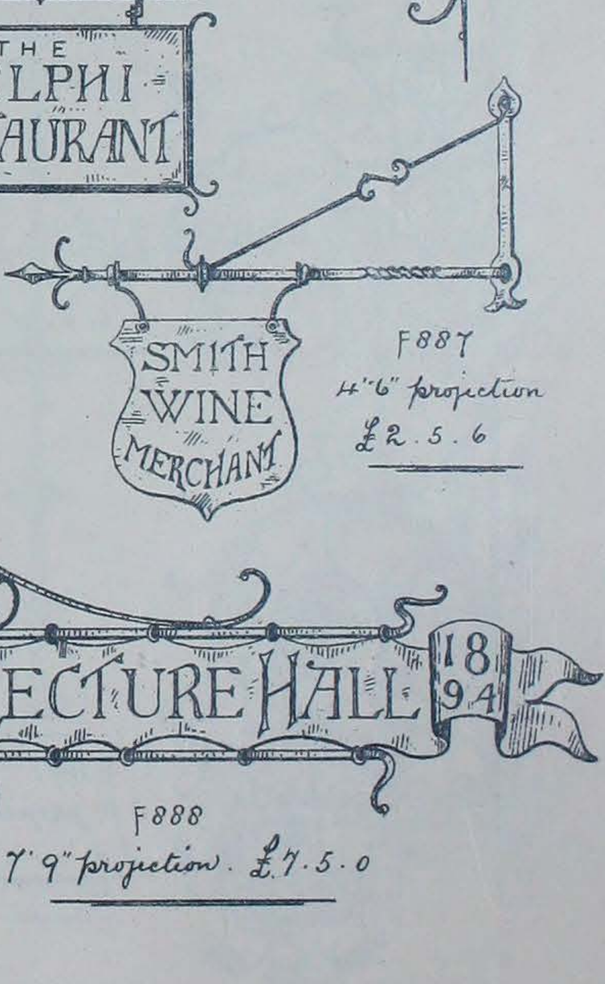


F 883.
10 feet span. £17. 18. 0

F 884. 5' 6" projection. £3. 17. 0



F 886
4' 6" projection. £11. 14. 0

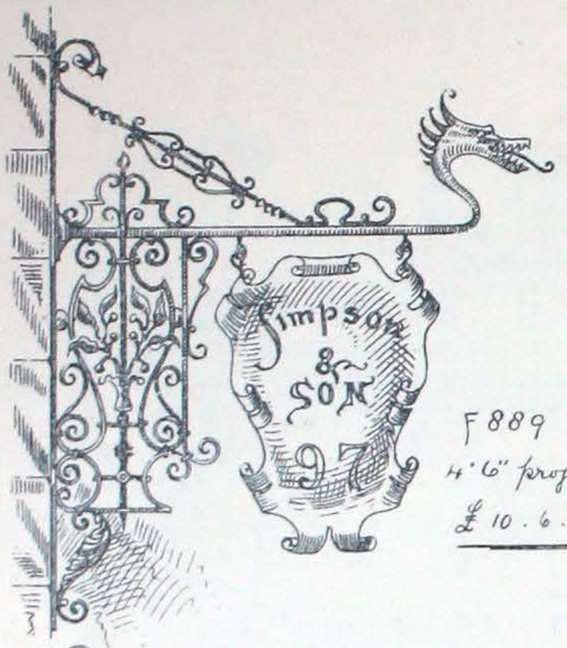


F 887
4' 6" projection
£2. 5. 6

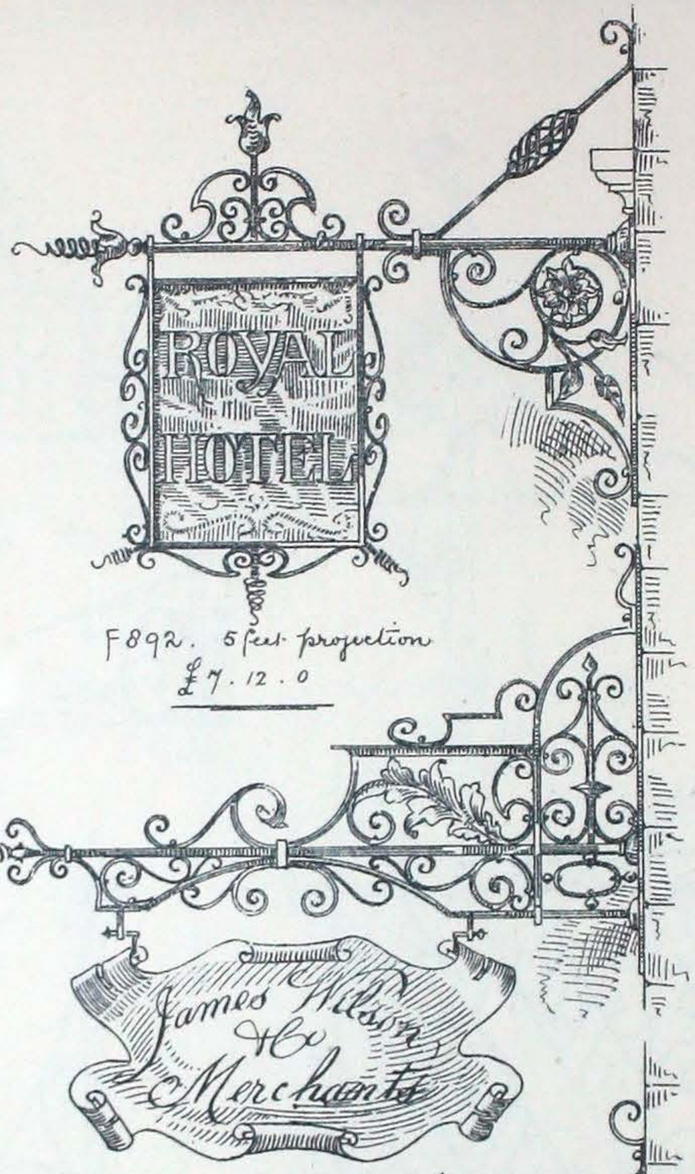
F 888
7' 9" projection. £7. 5. 0

When sizes are not stated prices are to scale of ½-in. = 1 ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*

Wrot Iron Signs.

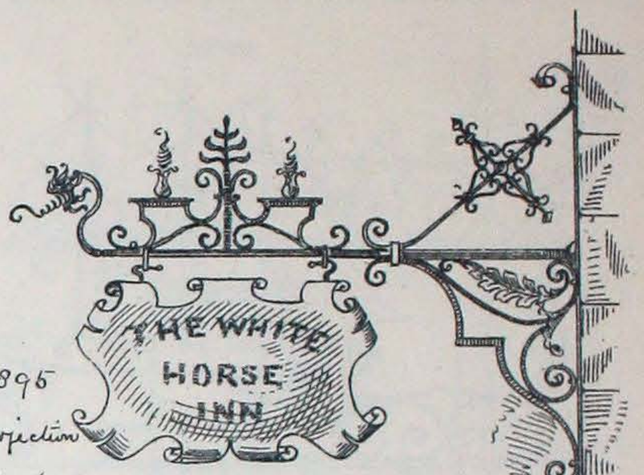


F 889
4'6" projection
£10.6.0

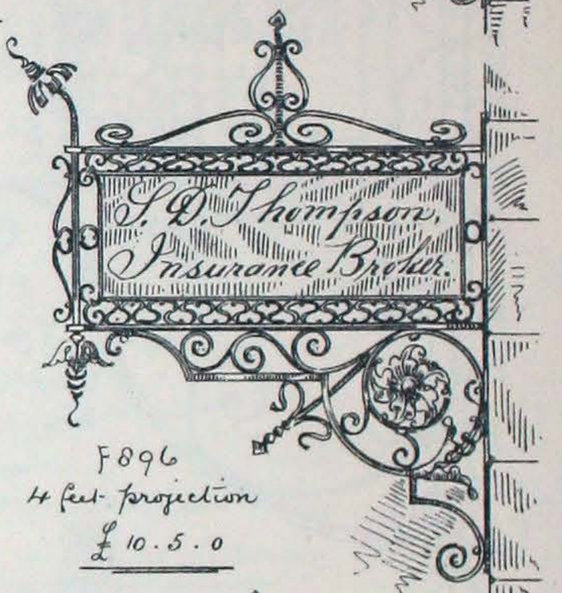


F892. 5 feet projection
£7.12.0

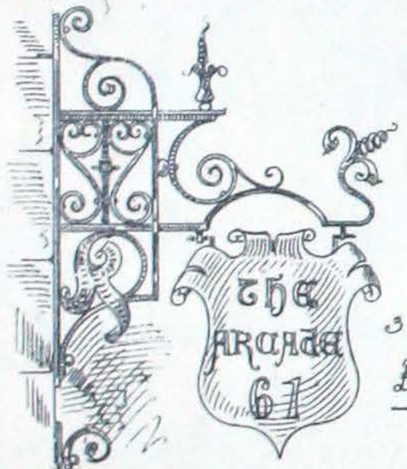
F893. 6 feet projection. £10.15.6



F895
5 Ft. projection
£6.16.0



F896
4 feet projection
£10.5.0



F 890
3 ft. projection
£6.0.0



F 891
3 ft. projection
£8.4.0



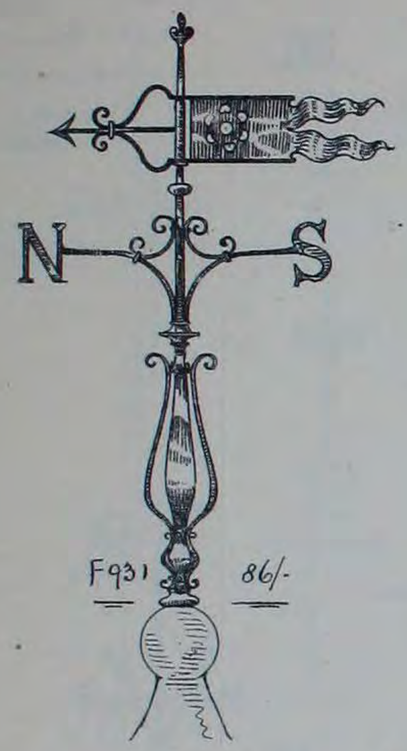
F894
5 feet projection
£5.8.0

All prices include Painting one coat and are exclusive of Lettering.



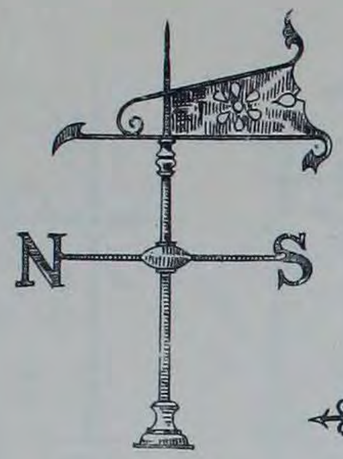
F897
3'9" projection. £10.8.0

When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. *Prices for special sizes on receipt of requirements.*



F931 86/-

All prices include flat Copper Flags & Figures Gun Metal Bearings Bolt & Nut fixings up to 18" long & Painting, 1 coat.



F932 44/6



F936 43/6



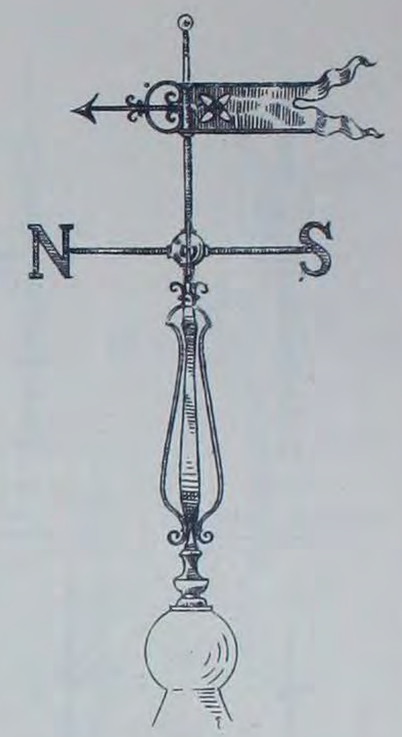
F933 62/6



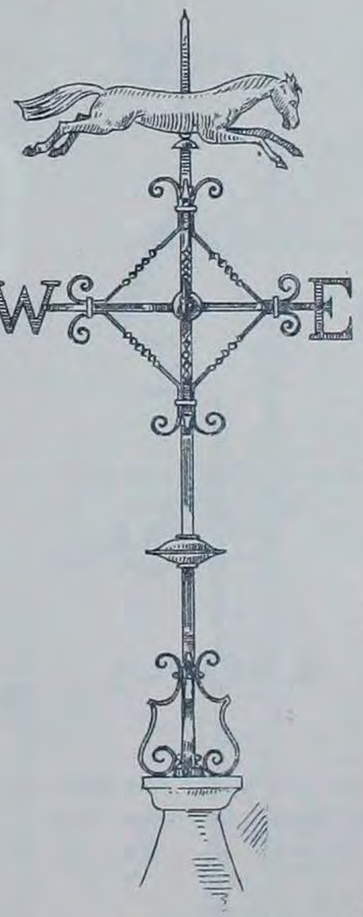
F937 37/6



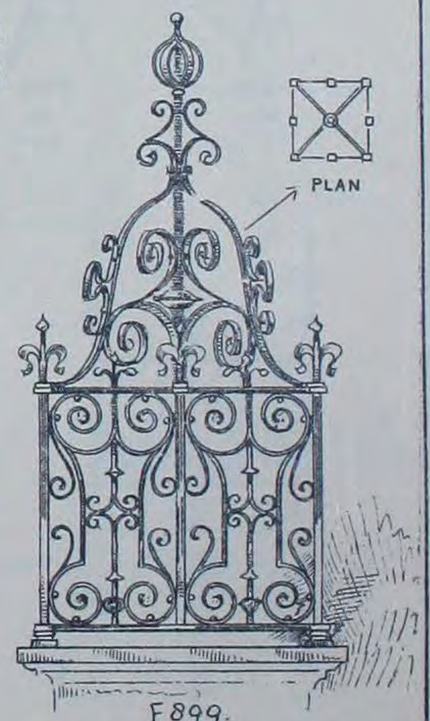
F934. 85/-



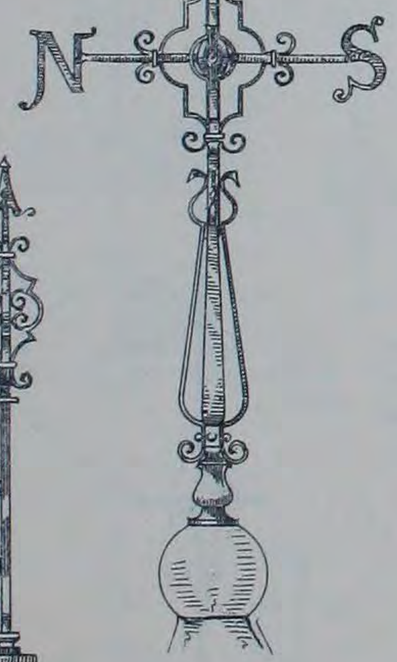
F935. 87/-



F940. 125/-



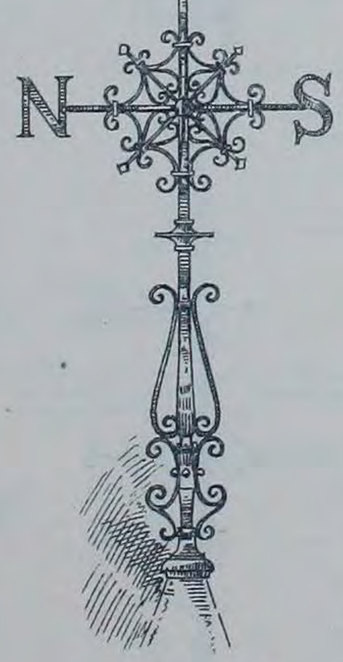
F899.
4 Sides & Centre 433/-



F938. 130/-



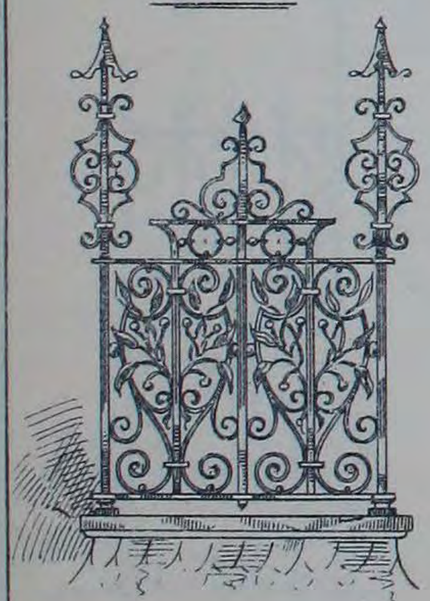
F941. 77/-



F939. 146/-



F942 87/6



F898 Flat. 2'6" wide 206/-

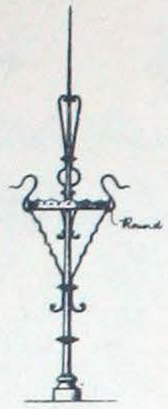
When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Weather Vanes, Finials and Bannerettes.

All prices include Copper Flags & Cocks, Gun Metal Bearings, Bolt & Nut Fixing up to 18" long and Painting one coat.



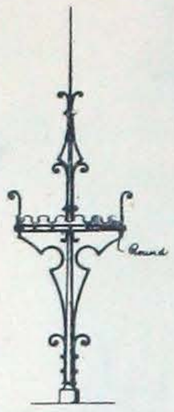
F 798.
2 way 27/6. 4 way 40/-



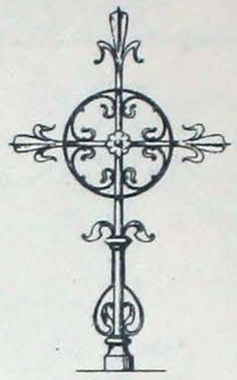
F 799.
44/-



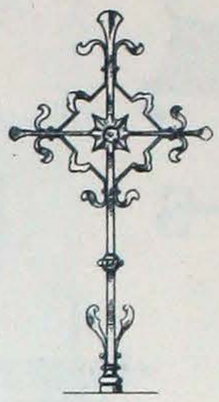
F 800.
2 way 24/6. 4 way 38/6



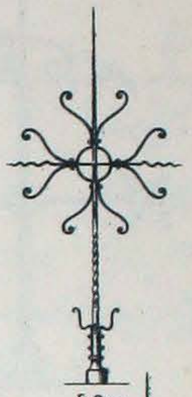
F 801.
52/-



F 802.
62/6



F 803
51/-



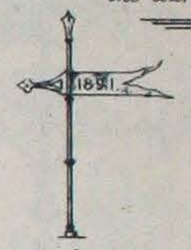
F 804.
2 way 32/-
4 way 40/-



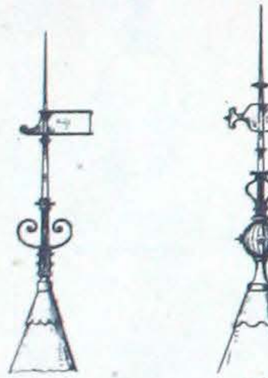
F 805.
17/6.



F 806.
13/6



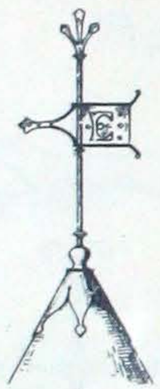
F 807.
17/6



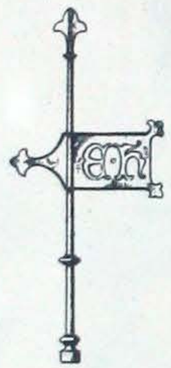
F 808.
25/-



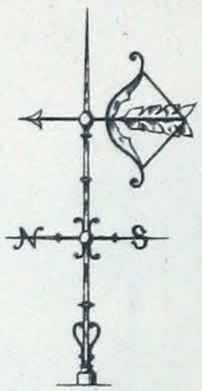
F 809.
31/-



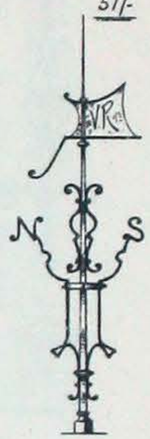
F 810.
36/-



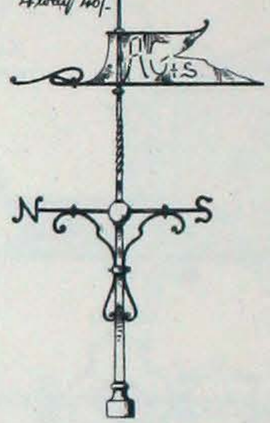
F 811.
44/-



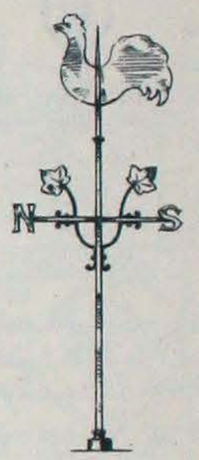
F 812.
47/-



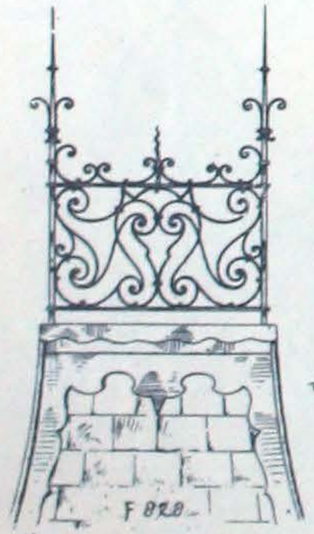
F 813.
52/-



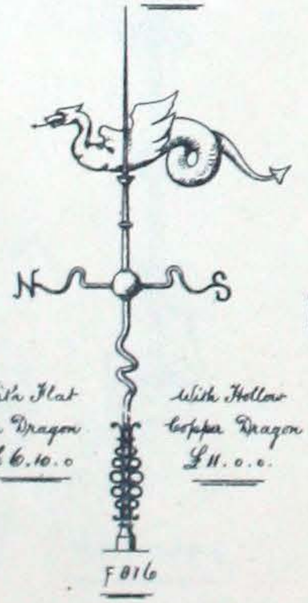
F 814.
47/-



F 815
40/-



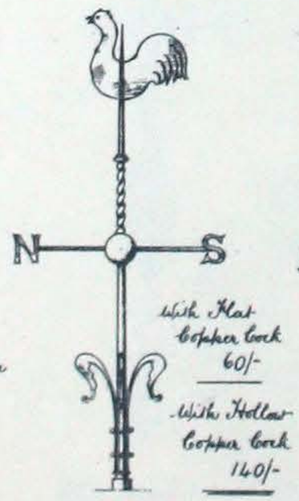
F 828
Flat for Ridge. 2 ft wide with 2 Finials. 3ft high. 98/-



With Flat Copper Dragon £6.10.0

With Hollow Copper Dragon £11.0.0.

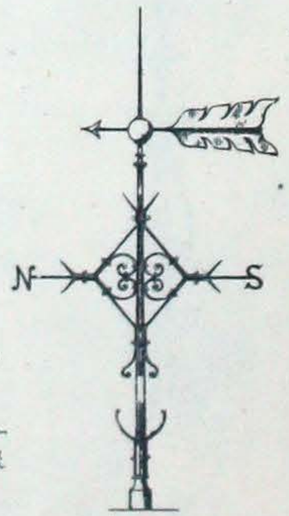
F 816



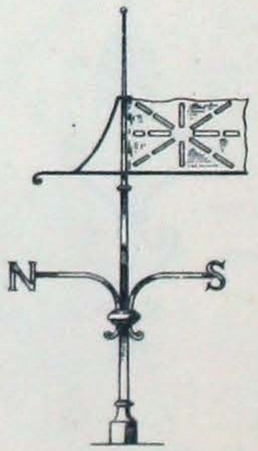
With Flat Copper Cock 60/-

With Hollow Copper Cock 140/-

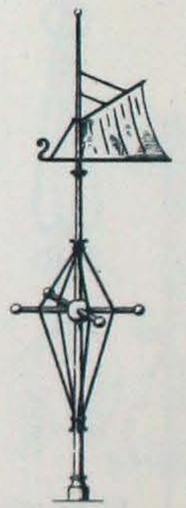
F 817.



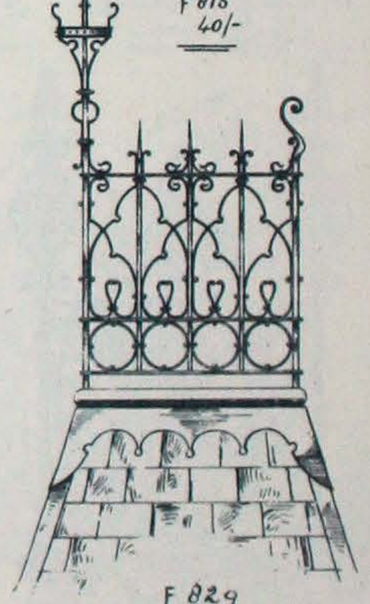
F 818.
66/-



F 819
42/6

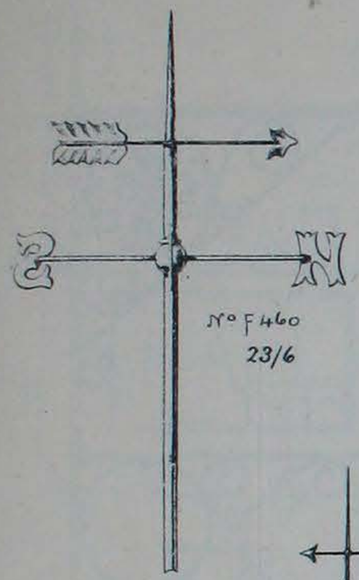


F 820
52/6

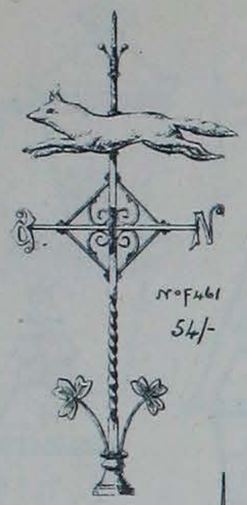


F 829
Flat for Ridge. 2 ft wide with 1 Finial 4'6" high. 150/-

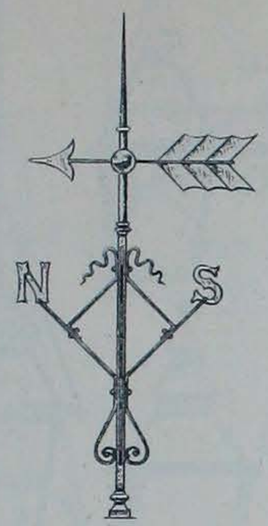
When sizes are not stated prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.



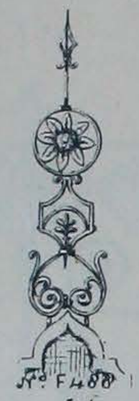
N° F 460
23/6



N° F 461
54/-



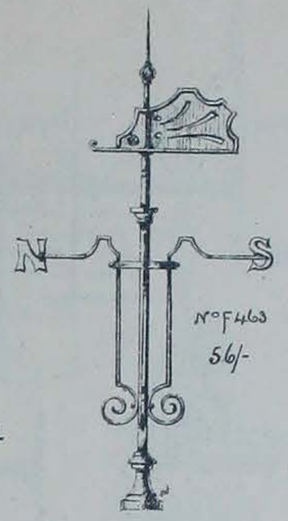
N° F 462
58/-



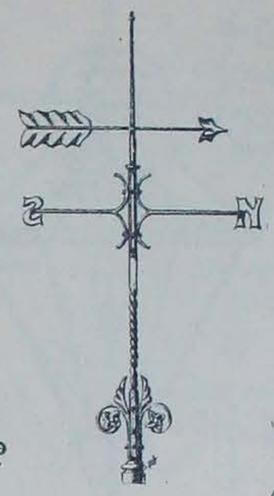
N° F 488
50/-



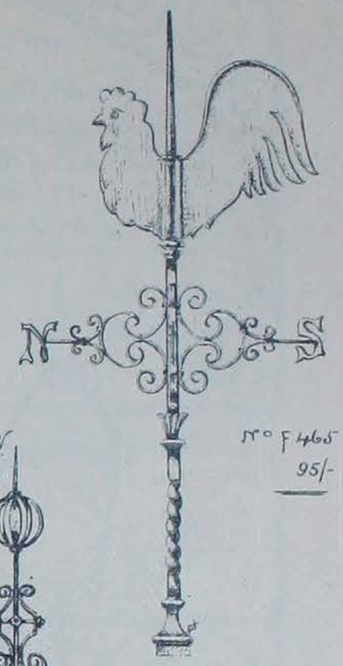
N° F 489 42/-



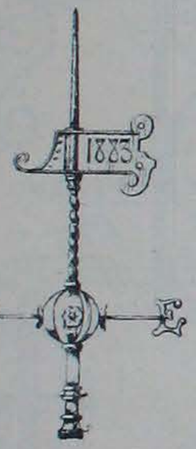
N° F 463
56/-



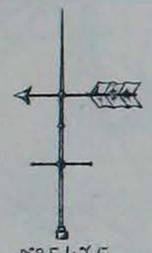
N° F 464
49/-



N° F 465
95/-



N° F 466
45/-



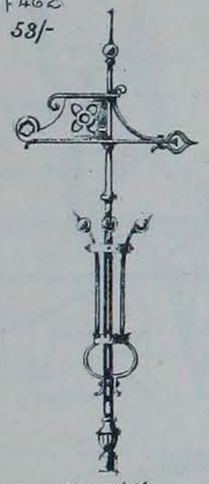
N° F 475
16/-



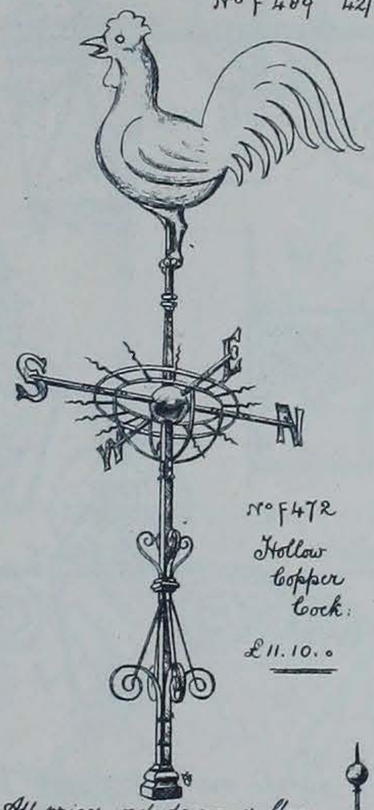
N° F 491
21/6



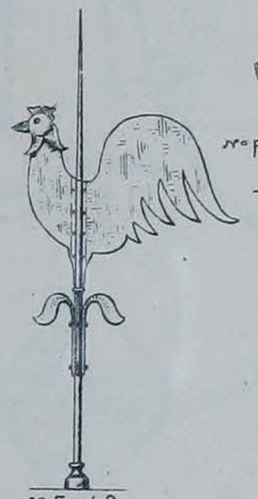
N° F 492
30/-



N° F 467
52/-



N° F 472
Hollow Copper Cock:
£11.10.0



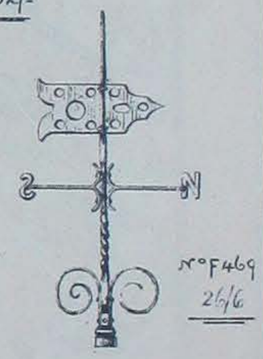
N° F 468
51/-



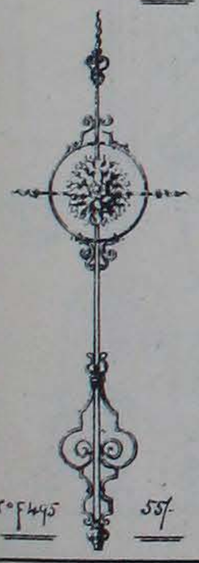
N° F 493
15/-



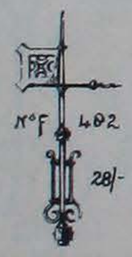
N° F 494
32/-



N° F 469
26/6



N° F 495
55/-

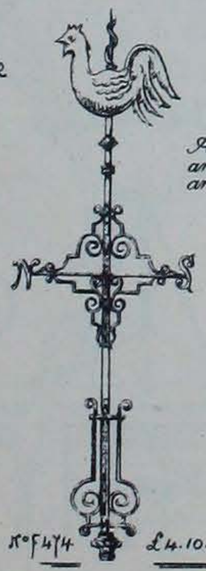


N° F 482
28/-

N° F 471
£9.10.0

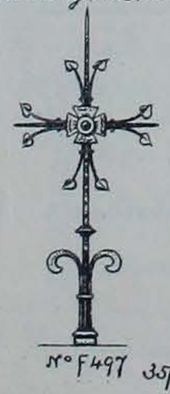


N° F 496 25/-

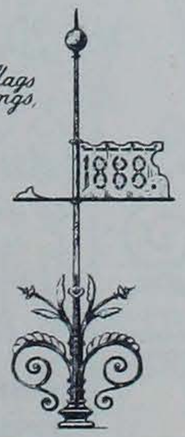


N° F 474 £4.10.0

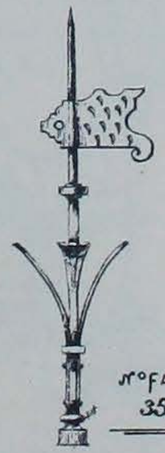
All prices include copper flags and cocks, gun-metal bearings, and painting one coat.



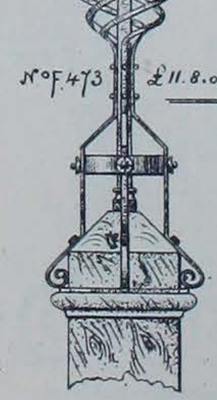
N° F 497 35/-



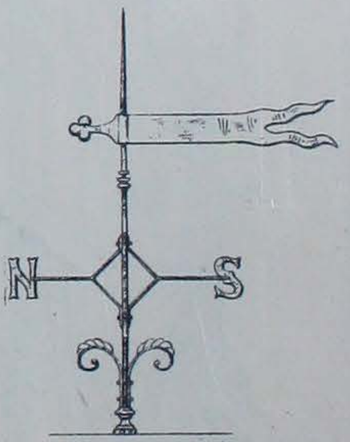
N° F 480
53/-



N° F 481
35/-



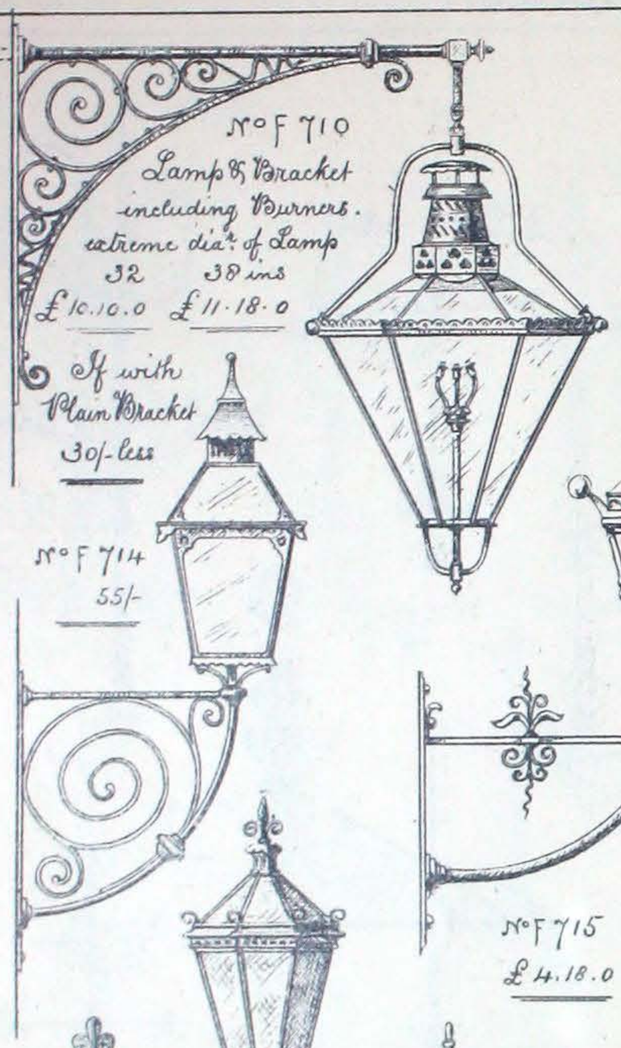
N° F 473 £11.8.0



N° F 470 30/-

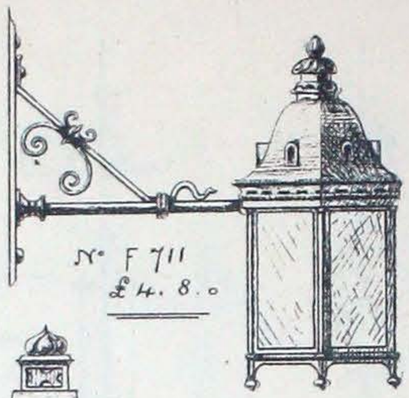
When sizes are not stated, prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Outside Lamps for Gas or Oil.

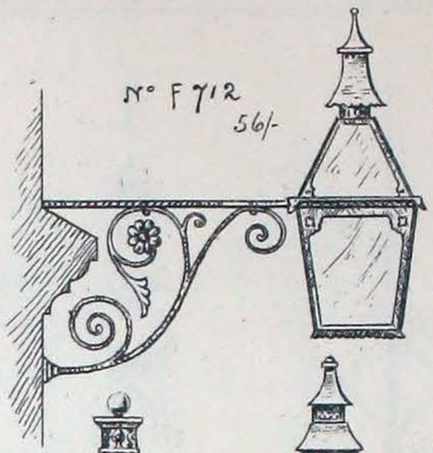


N° F 710
Lamp & Bracket
including Burners.
extreme dia.r of Lamp
32 38 ins
£10.10.0 £11.18.0

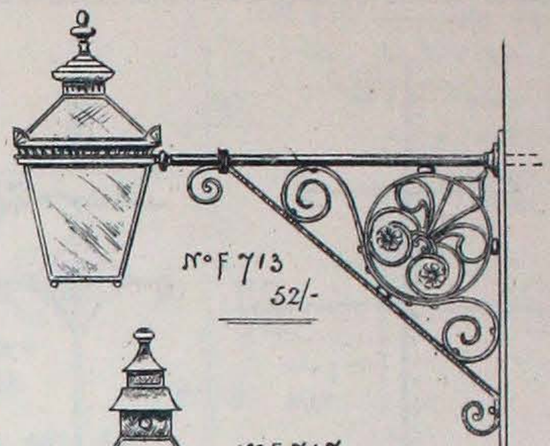
If with
Plain Bracket
30/- less



N° F 711
£4. 8. 0

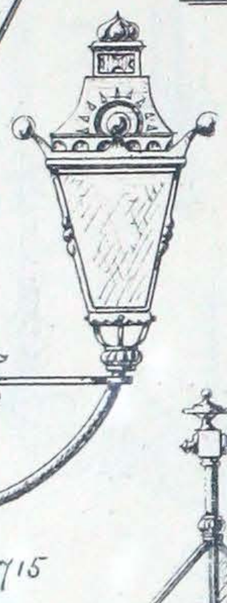


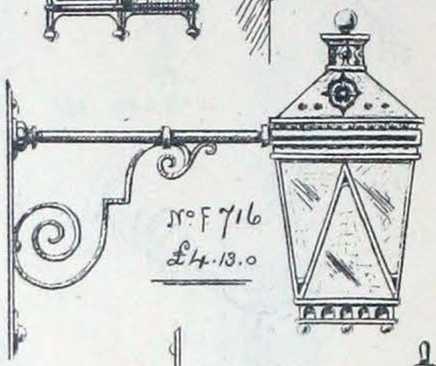
N° F 712
56/-



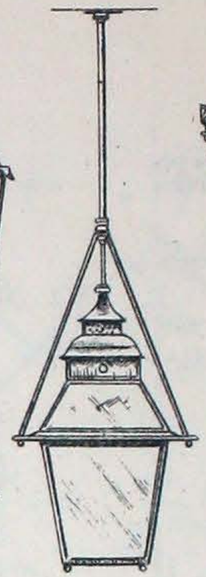
N° F 713
52/-

N° F 714
55/-





N° F 716
£4.13.0



N° F 721
29/-

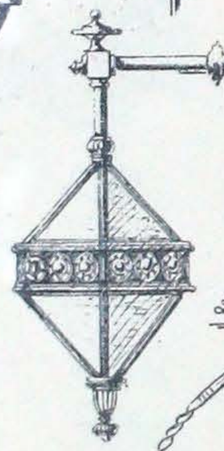


N° F 722.
28/-

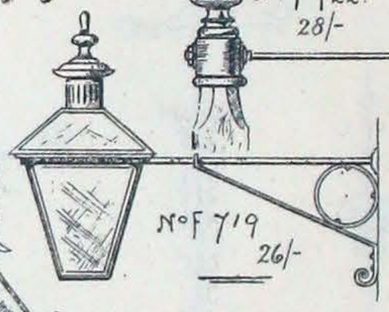


N° F 717 33/-

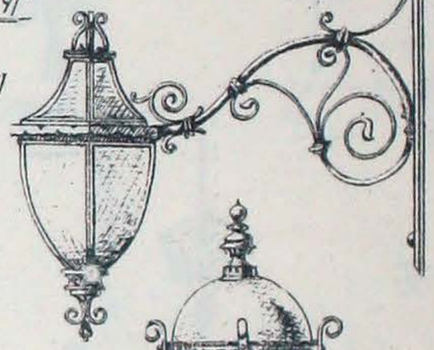
N° F 715
£4.18.0



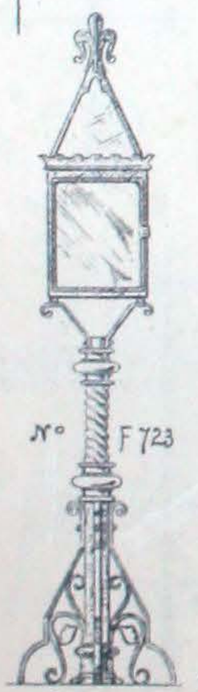
N° F 718
£5.8.0



N° F 719 26/-

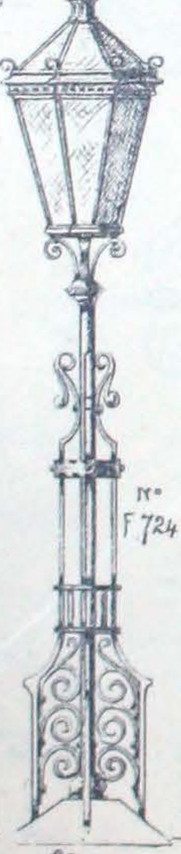


N° F 720
£7.10.0



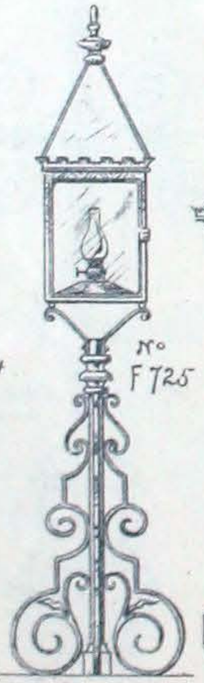
N° F 723

£5.10.0



N° F 724

£8.0.0



N° F 725

£4.10.0



N° F 726

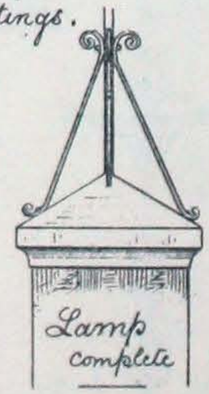
73/-

Arch

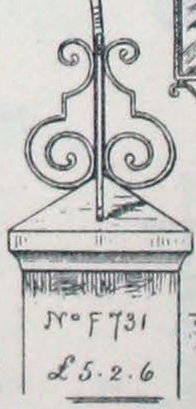
All Lamps are priced with Wall Fixings
but without internal Fittings.

If Fitted for Gas
6/- to 9/- extra.

If Fitted with
Duplex Petroleum
Lamp complete,
8/- to 13/6 extra.



Lamp complete

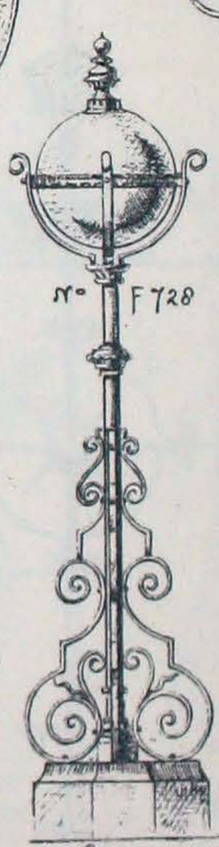


N° F 731
£5.2.6



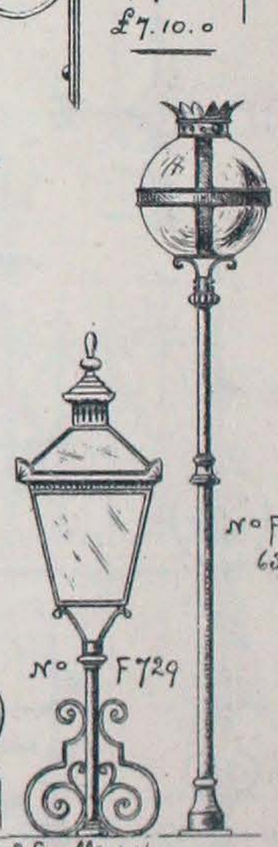
N° F 727

60/-



N° F 728

£7.5.0



N° F 729

2 Scrolls 40/-
4 D° 49/-

N° F 730
63/-

When sizes are not stated, prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

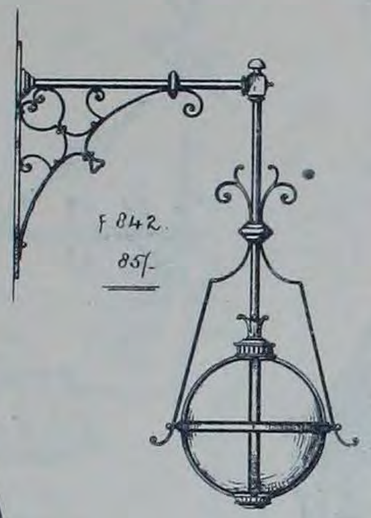
Outside Lamps for Gas or Oil.



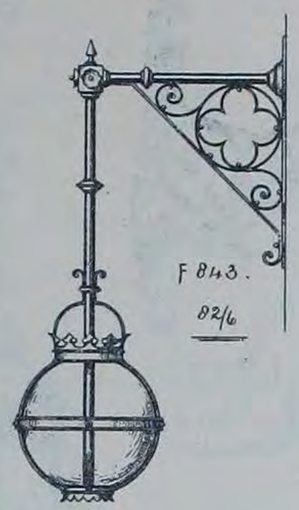
F 840.
Bracket Lamp and Sign.
70/-



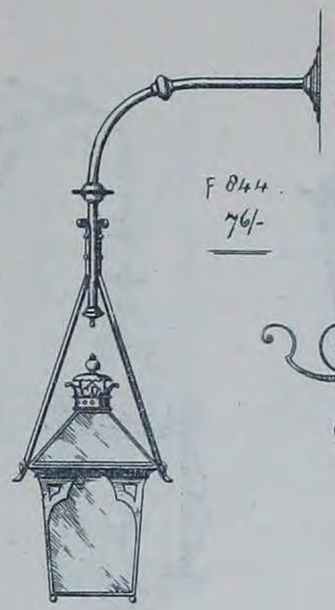
F 841. 55/-



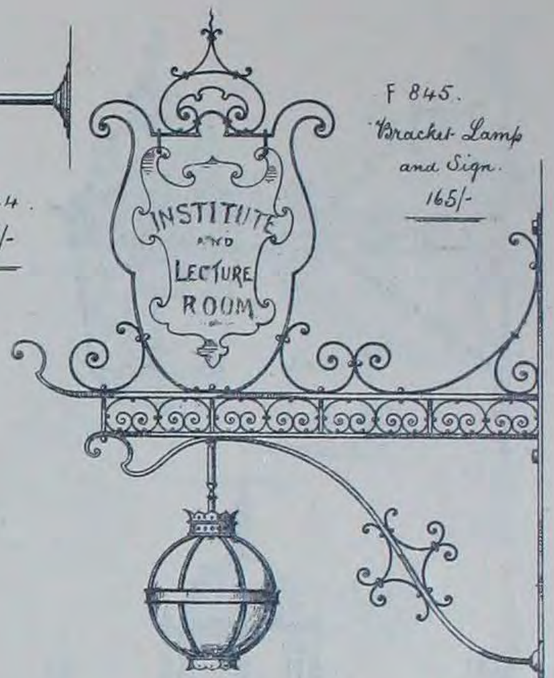
F 842.
85/-



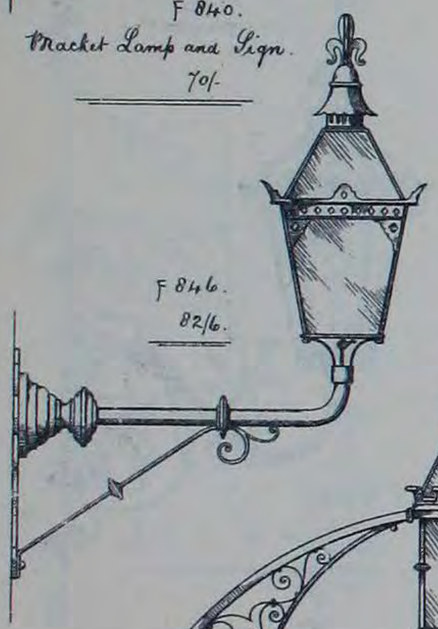
F 843.
82/6



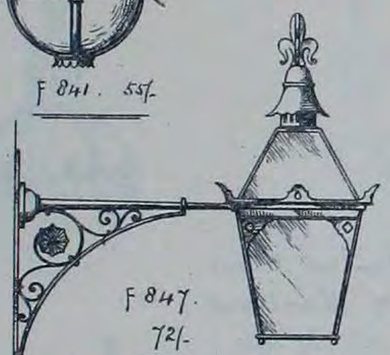
F 844.
76/-



F 845.
Bracket Lamp
and Sign.
165/-



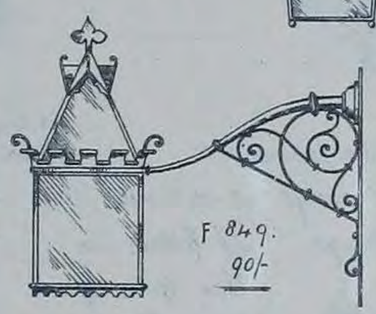
F 846.
82/6.



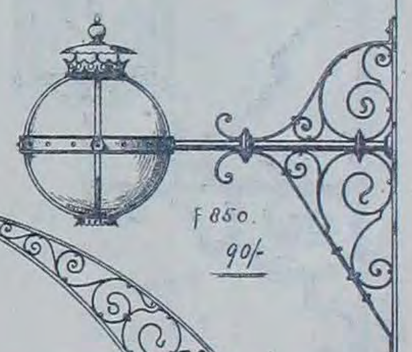
F 847.
72/-



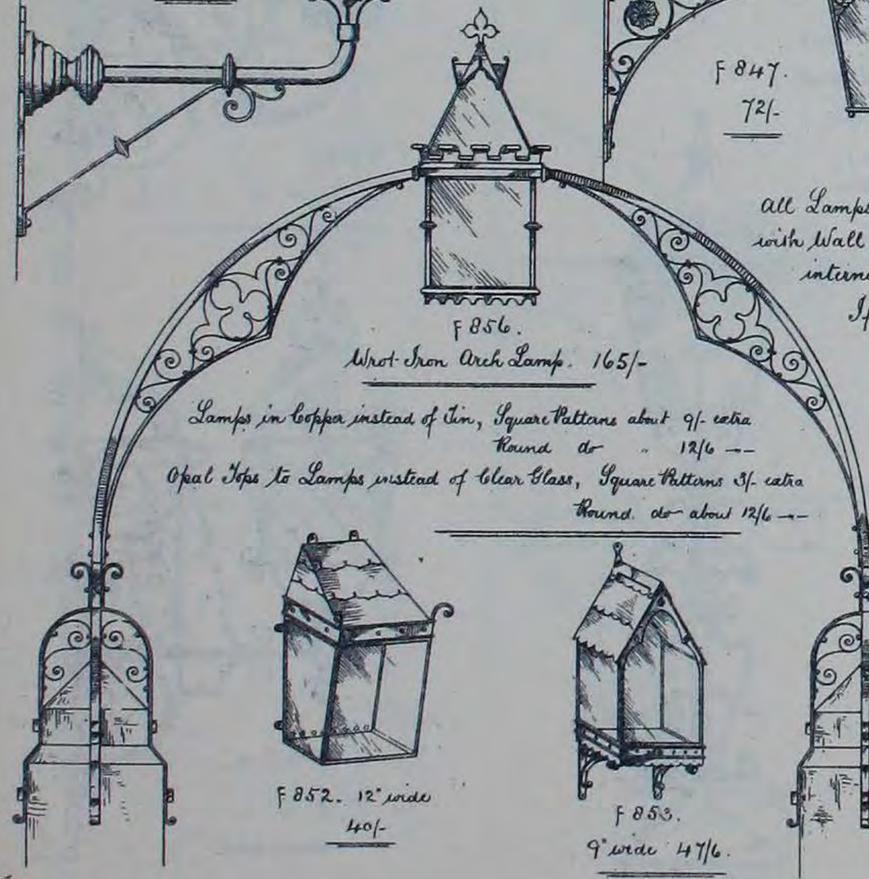
F 848. 44/-



F 849.
90/-



F 850.
90/-



F 856.
Wrot-Iron Arch Lamp. 165/-

All Lamps are priced with Wall Fixings but without internal Fittings.
If fitted for Gas 5/- to 8/- extra.
If fitted with Duplex Petroleum Lamp complete 8/- to 13/6 extra.

Lamps in Copper instead of Tin, Square Patterns about 9/- extra
Round do " 12/6 —
Opal Tops to Lamps instead of Clear Glass, Square Patterns 3/- extra
Round. do about 12/6 —



F 851. 44/-

F 857.
Wrot Iron Arch Lamp. 165/-

All prices include Painting Ironwork one coat and Lamps 2 coats. plain colors but are exclusive of lettering signs.

F 852. 12" wide
40/-

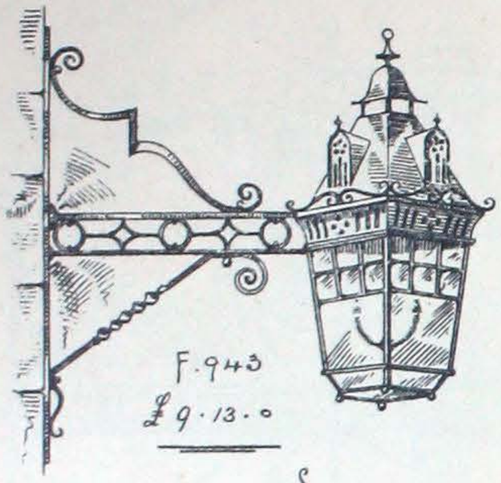
F 853.
9" wide 47/6.

F 854.
8" 10" 12" wide
9/- 11/- 12/6 ea.

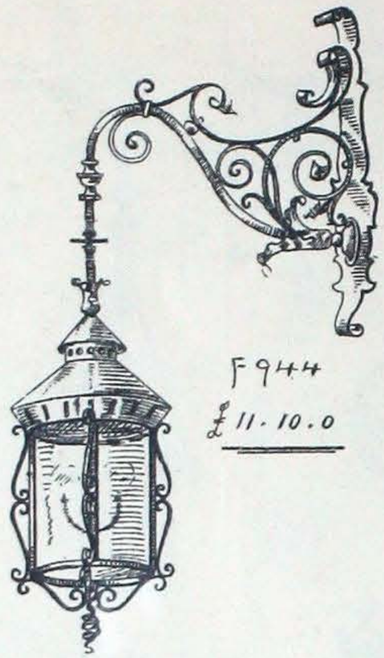
F 855.
9" 10" 12" wide
11/6 12/6 14/- ea.

When sizes are not stated, prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

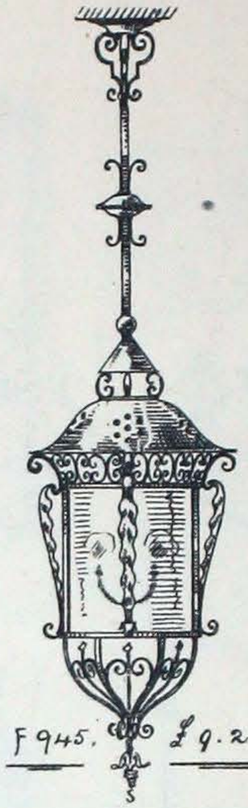
Outside Lamps for Gas or Oil.



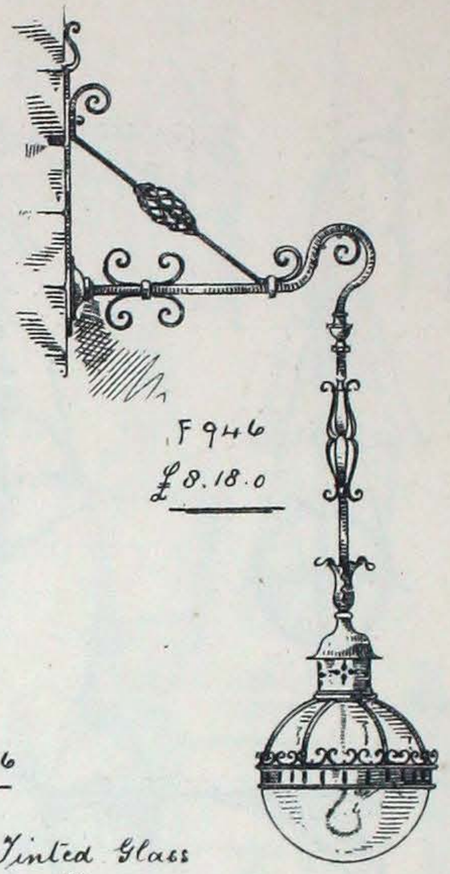
F.943
£9.13.0



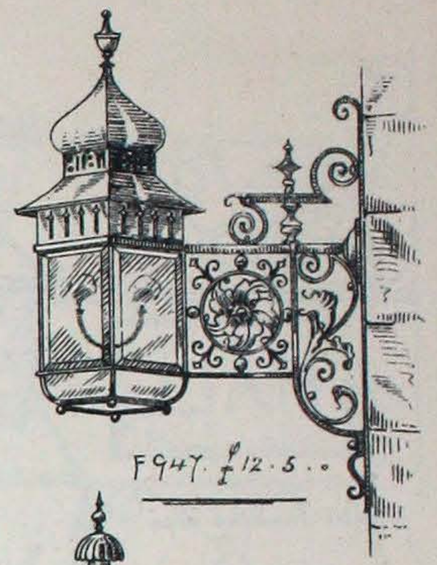
F944
£11.10.0



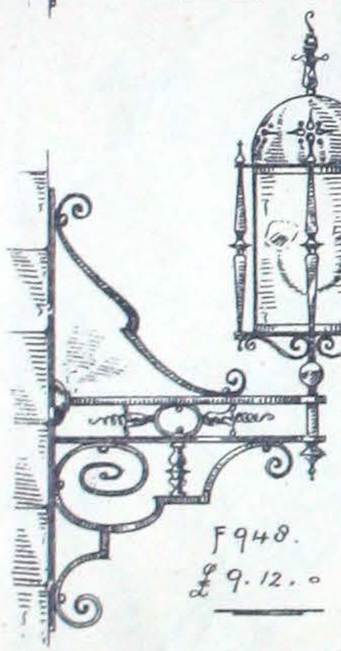
F945. £9.2.6



F946
£8.18.0



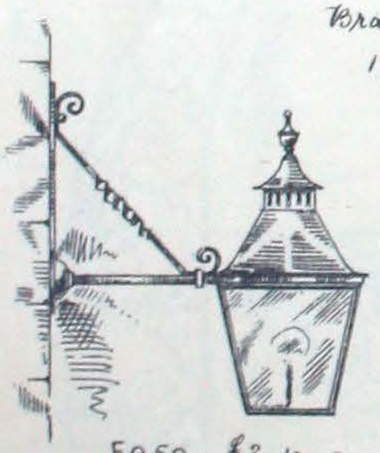
F947. £12.5.0



F948.
£9.12.0

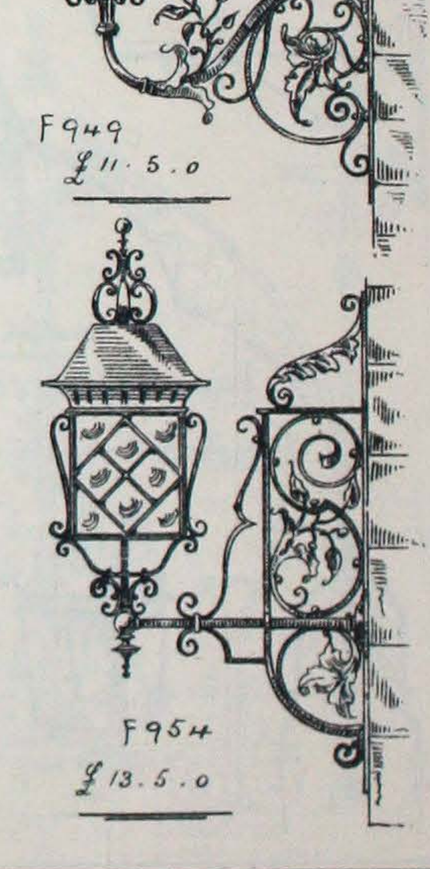
All Lamps are priced with Wall Fixings but without internal Fittings. If fitted for Gas 6/- to 9/- extra.

Tinted Glass to Lanterns 2/6 to 6/6 extra.

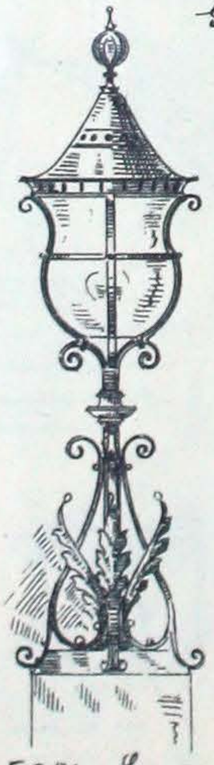


F950. £2.10.0

All prices include Brackets painted 1 coat and Lamps Japanned in plain colors

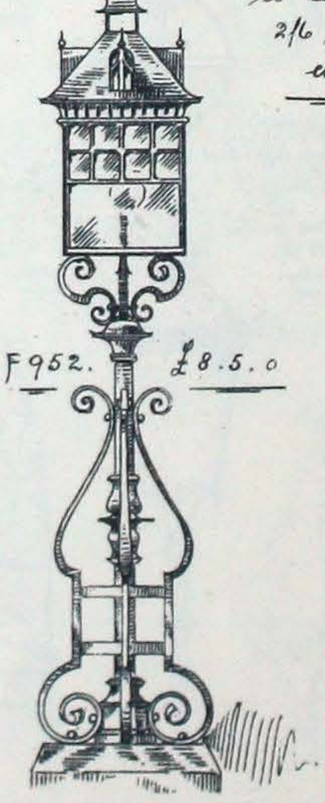


F949
£11.5.0



F951. £8.5.0

If Lanterns are made of Copper instead of Tin 15/- to 25/- extra each



F952. £8.5.0

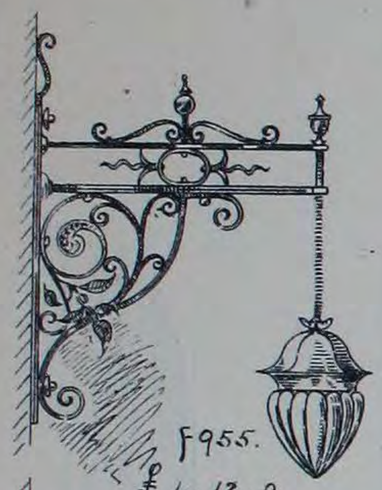


F953 £10.0.0

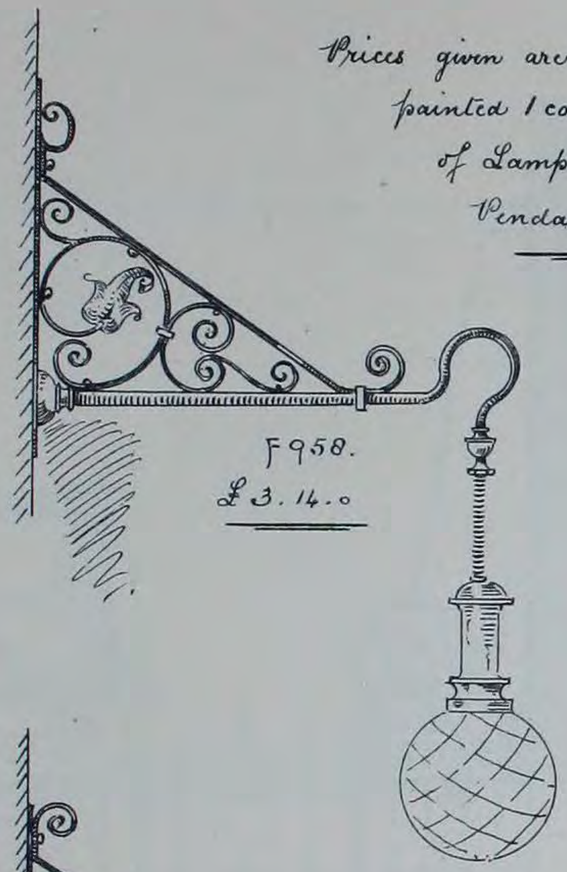
F954
£13.5.0

When sizes are not stated, prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

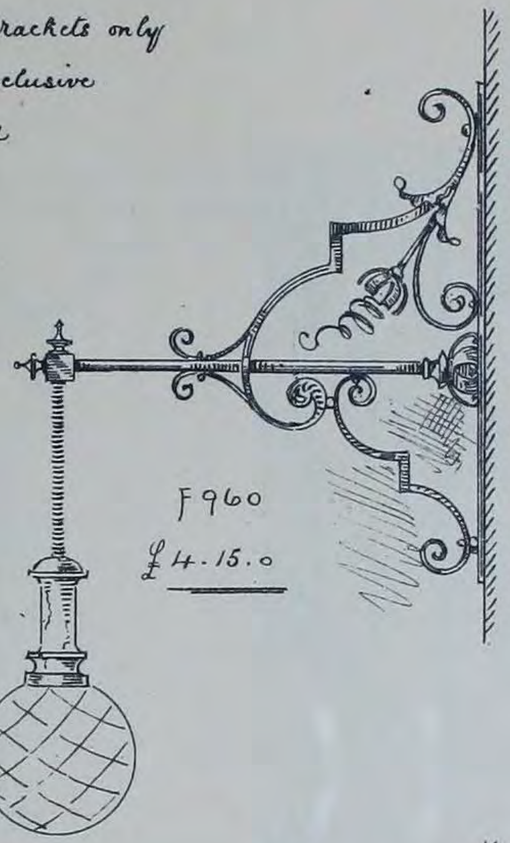
Prices given are for Brackets only painted 1 coat exclusive of Lamps and Pendants.



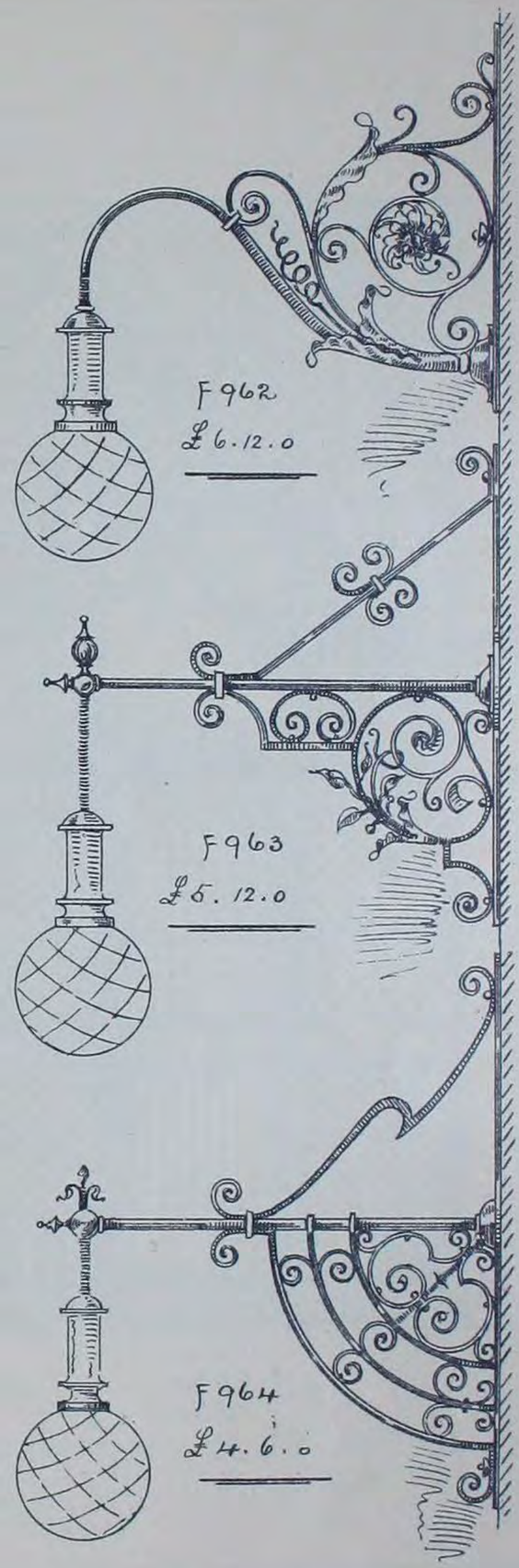
F955.
£4.12.0



F958.
£3.14.0



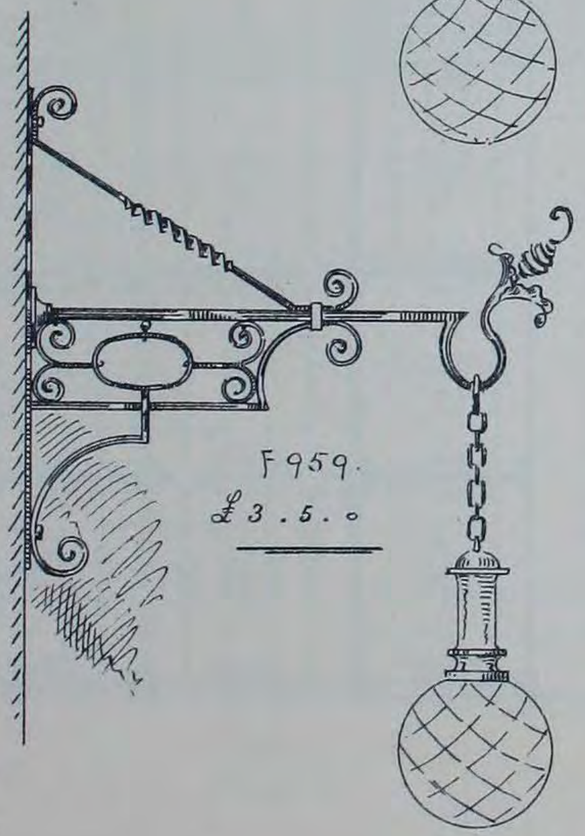
F960
£4.15.0



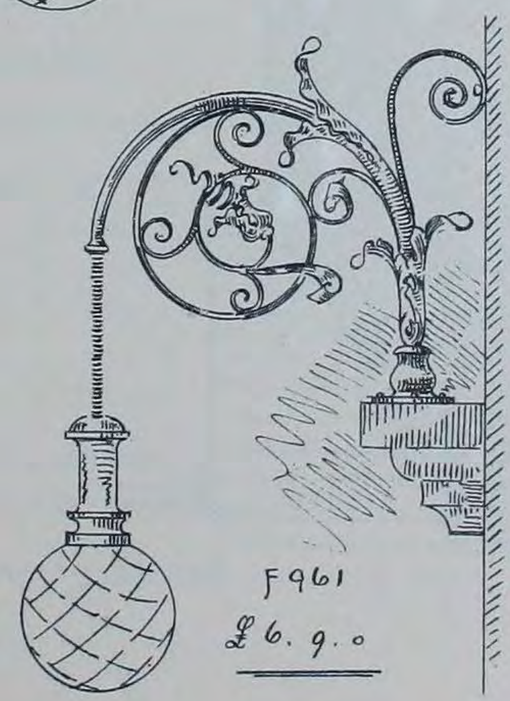
F962
£6.12.0



F956
£5.11.0

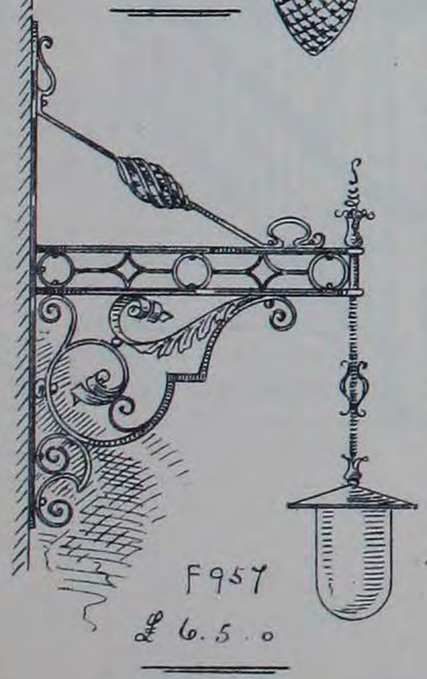


F959.
£3.5.0



F961
£6.9.0

F963
£5.12.0

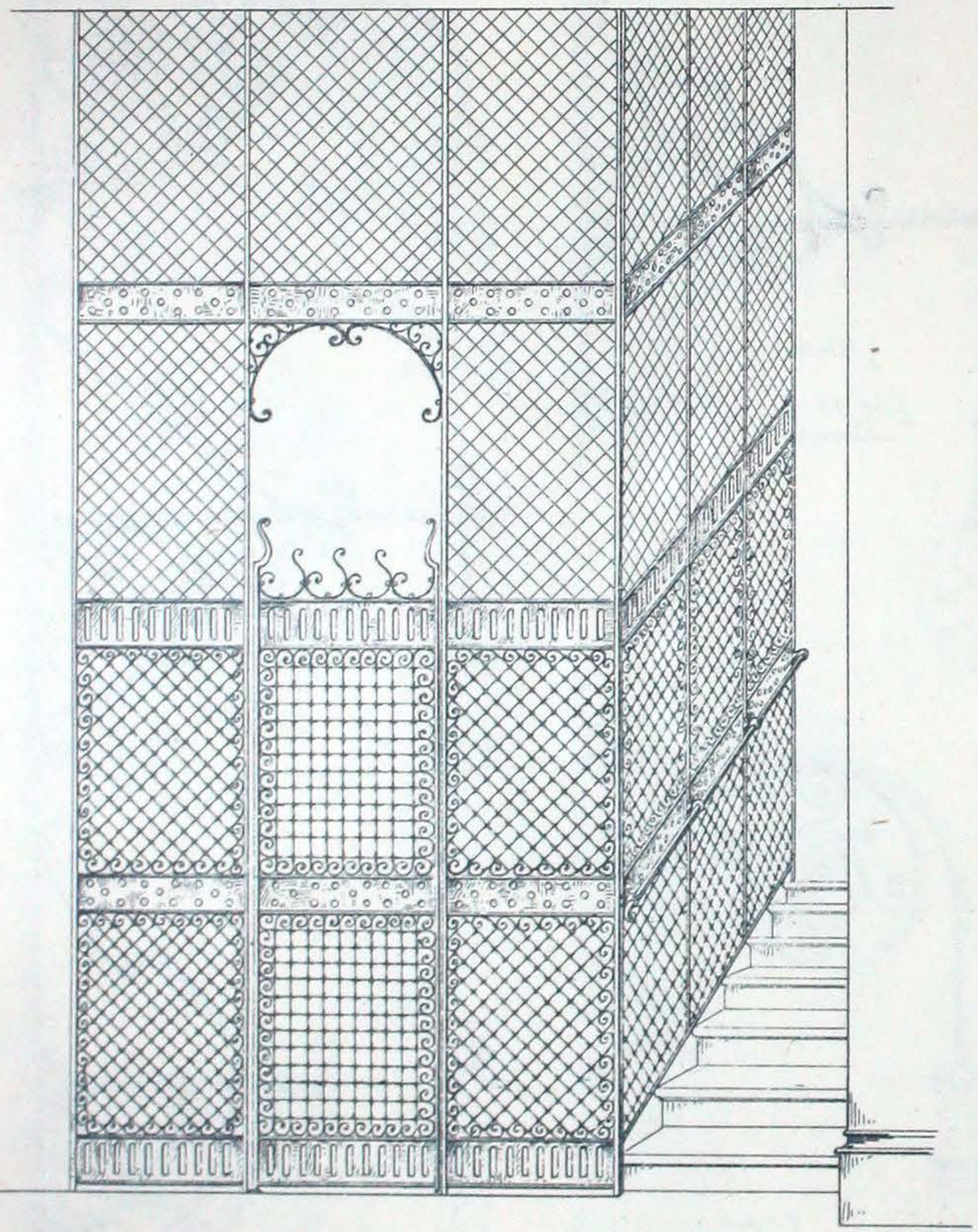


F957
£6.5.0

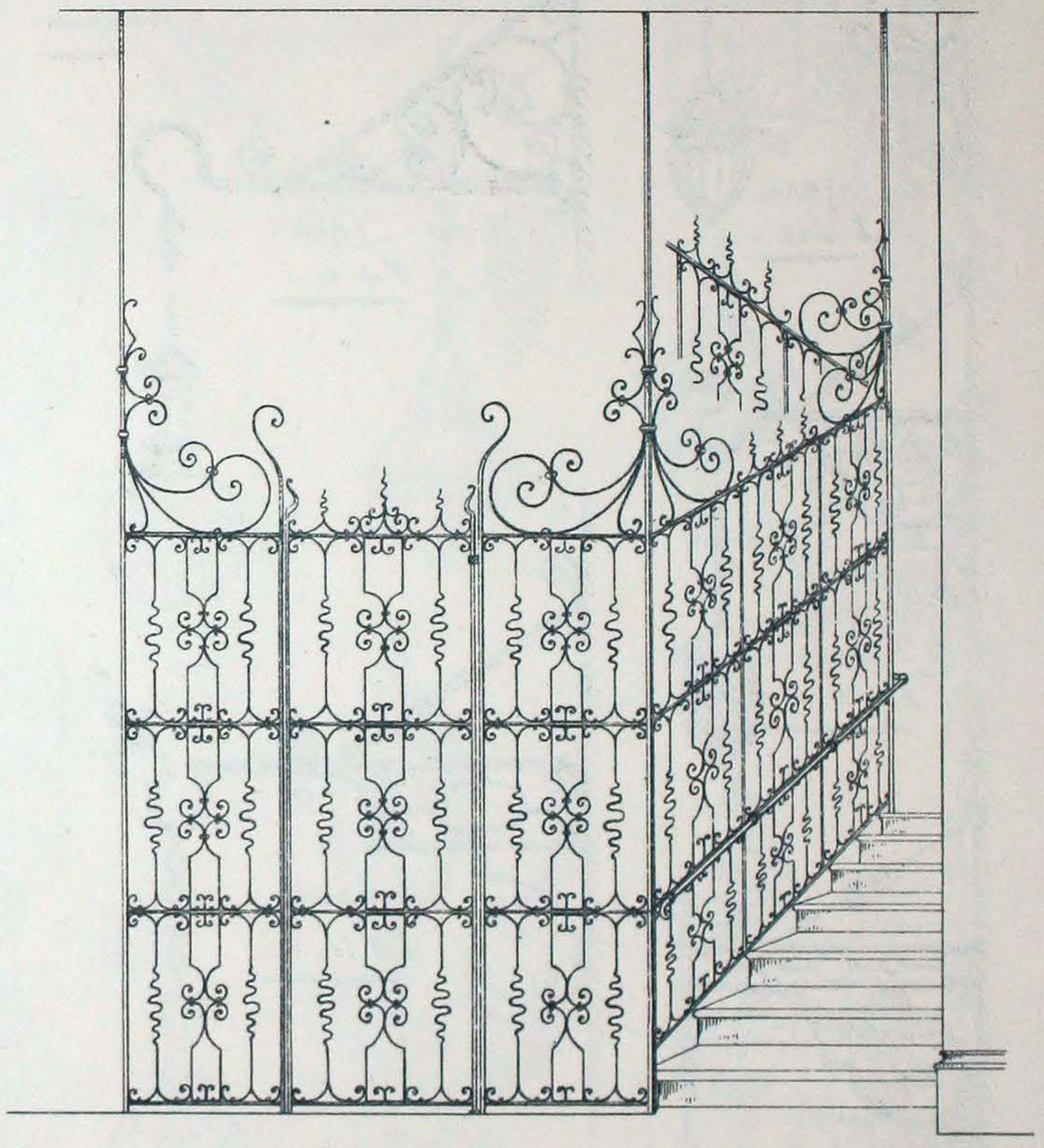
F964
£4.6.0

When sizes are not stated, prices are to scale of ½-in. = 1-ft., but can be made to any size. Prices for special sizes on receipt of requirements.

Gates and Panelling for enclosing Lifts.

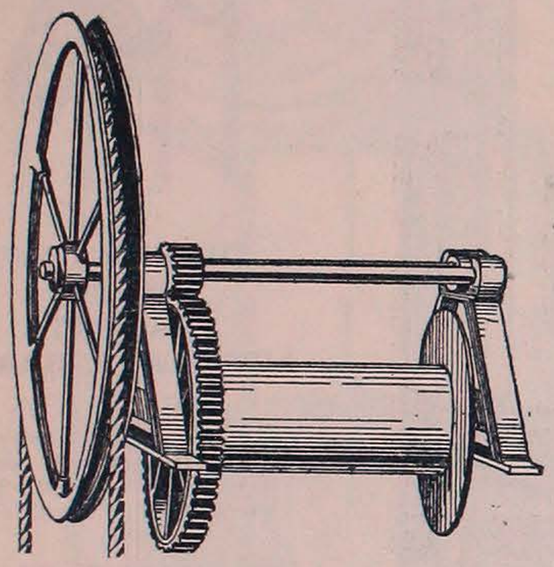


F.970.



F 971.

Scale about $\frac{3}{8}$-in. = 1-ft. *Prices on receipt of requirements.*

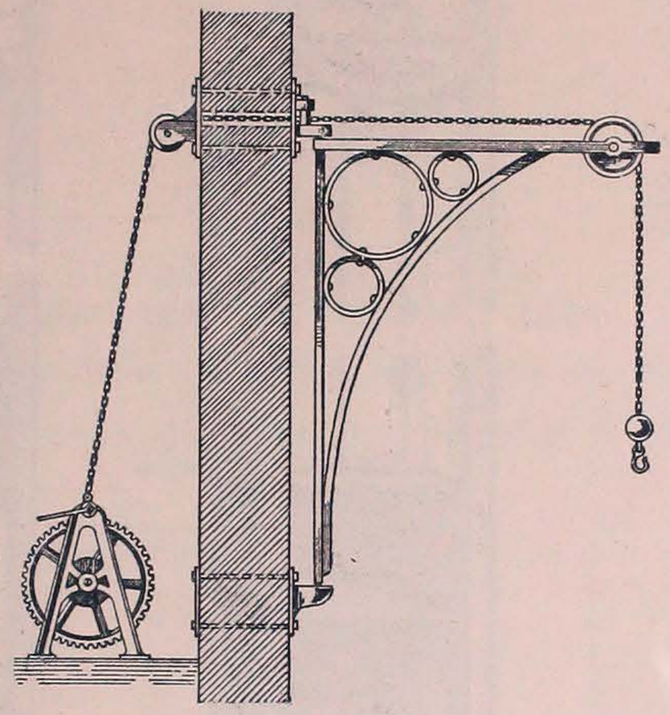


F 380.

PATENT SELF-SUSTAINING HAND POWER BARREL OR SACK HOIST.

To Lift	£ s. d.		
2 cwt	7 10 0	6d.	Price of Chain per foot including Hook.
5 ,, ...	12 0 0	8d.	
7 ,, ...	15 0 0	9d.	
10 ,, ...	18 0 0	10d.	

Price of Hand Rope 4d. per foot.



F 381.

JIB CRANE,

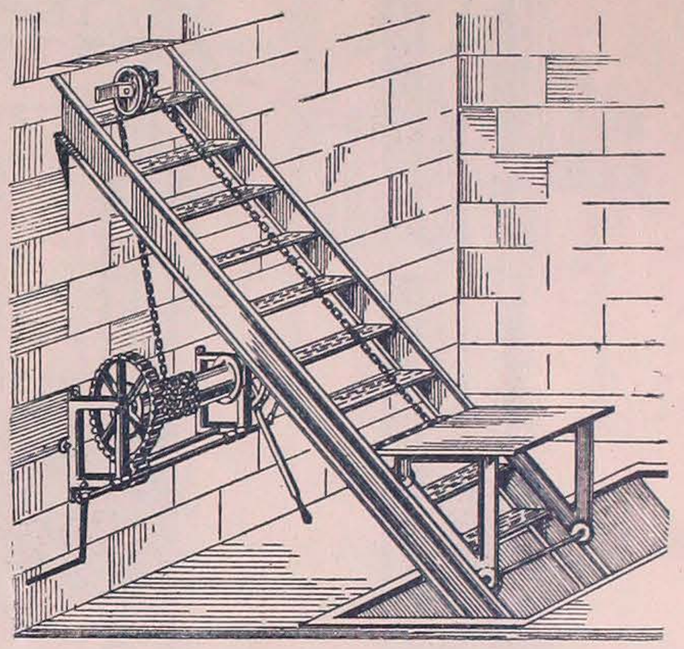
With Brackets, Plates, Guide Pulleys, Bolts, etc., complete.

To Lift.	Radius.	Price of Crane.	Price of suitable Crab Winch.	Price of Chain per foot.
2½ cwt.	3 feet	£3 13 0	£2 15 6	6d.
5 ,,	3½ ,,	4 0 0	2 17 0	8d.
10 ,,	3 ,,	4 10 0	2 17 0	10d.
20 ,,	3½ ,,	6 6 0	5 3 6	1/2
40 ,,	4 ,,	8 17 0	6 17 6	1/8

Price of Chain includes Hook and Weight.

The Crab Winches for 20 and 40 cwt. Cranes are double purchase.

The 2½ and 5 cwt. Cranes have one ring only.



F 382.

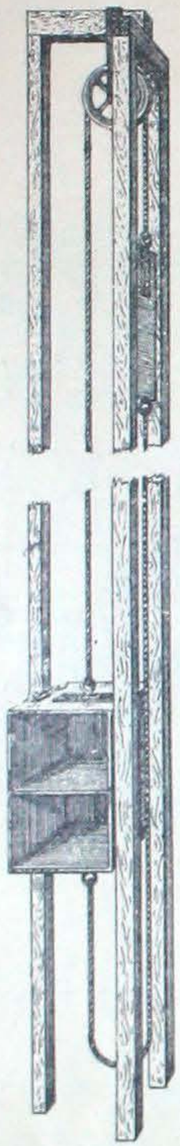
CELLAR OR BASEMENT HOIST.

With Iron Sides and Steps, Travelling Platform and Winch with Brake, for a vertical height of 8 feet.

To raise 5 cwt.	£21 6 0
,, 10 ,, ...	24 14 0
,, 20 ,, ...	30 10 0

Prices for special sizes on receipt of requirements.

Hand Power Dinner, Book and Restaurant Lifts.



F 374.

PARCEL OR CHOP LIFT.

Suitable for Shops, Luncheon Bars, &c.

Prices complete, as illustrated, for a total height of 17 feet.

	wide	deep	high
Size of Cage ...	12in.	10in.	18in.

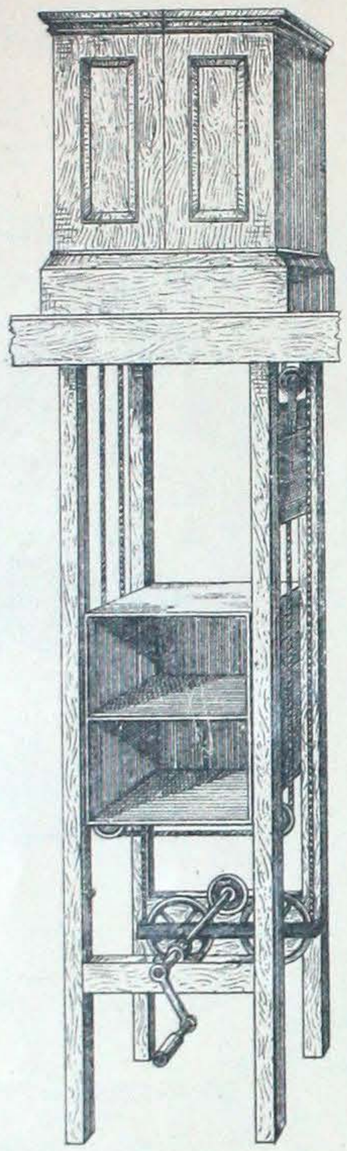
£3 17 0

	wide	deep	high
Size of Cage ...	16in.	12in.	24in.

£4 5 0

If above this height 2/6 per foot extra.

Stop to sustain cage at either floor 10/- extra.



F 375.

IMPROVED DINNER LIFT.

To work from below, suitable for Private Houses or small Hotels, will raise load under sideboard or dresser.

Prices complete, ready for erection, exclusive of enclosures, for a total height of 14 feet.

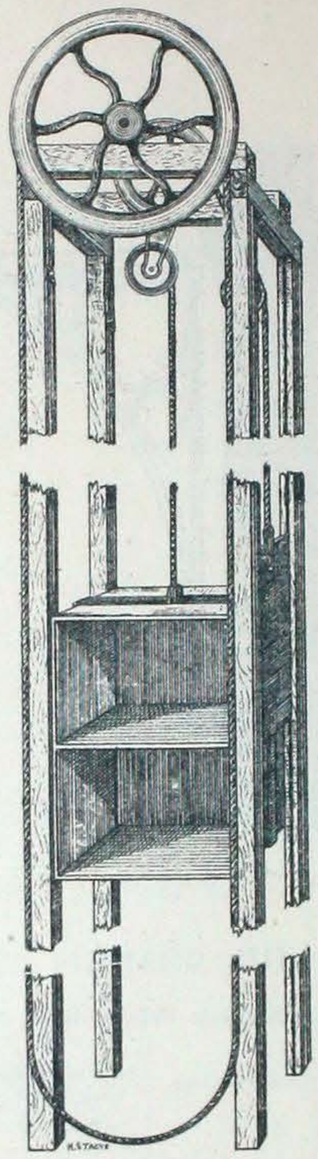
	wide	deep	high
Size of Cage ...	16in.	12in.	24in.

To raise 14 lbs. ... £8 12 0

	wide	deep	high
Size of Cage ...	24in.	16in.	30in.

To raise 40 lbs. ... £10 10 0

If above this height 3/6 per foot extra.



F 376.

SINGLE DINNER LIFT.

With overhead Gearing, to work with Endless Rope from any floor.

Price of Ironwork only, with brake, balance weight, and eye and strap for cage, to raise ½-cwt., size of cage 24 × 18 × 36 in. high,

£6 15 0

Ditto, to raise 1-cwt., size of cage 27 × 21 × 39 in. high,

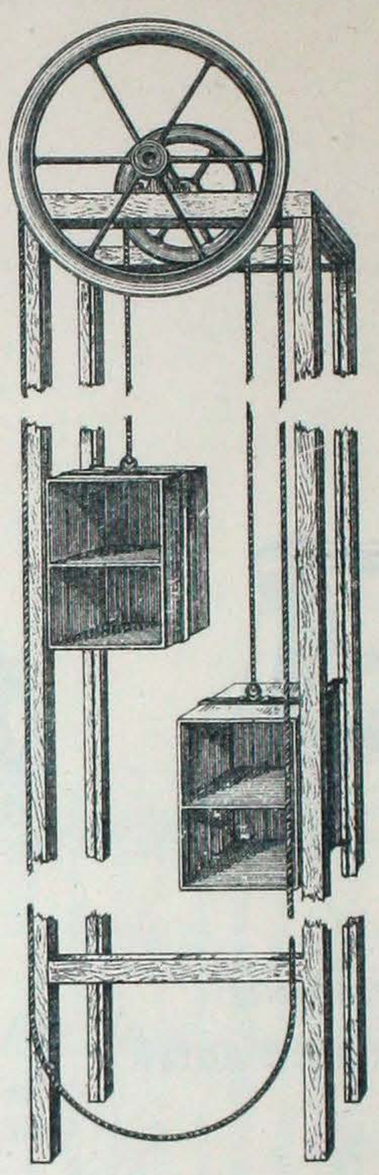
£7 6 0

Price, complete with Cage, Guides, Bearers, Ropes, etc., for a total height of 20 ft. from bottom floor to top of Rope Wheel.

To raise

½-cwt.	...	£13 6 0
1 ,,	...	£14 6 0

If above 20 feet total height 4/- per foot extra for either size.



F 377.

DOUBLE DINNER LIFT.

With overhead Gearing, to work with Endless Rope from any floor.

Price of Ironwork only, with brake and straps for cages, to raise 28-lb., size of cages 18 × 16 × 27 in. high,

£7 13 0

Ditto, to raise 56-lb.. Size of Cages 21 × 18 × 30 in. high,

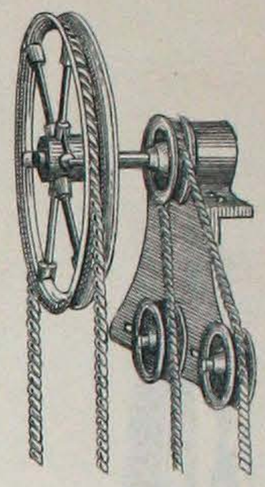
£9 0 0

Price, complete with Cages, Guides, Bearers, Ropes, etc., for a total height of 18 ft. from bottom floor to top of Rope Wheel.

To raise

28-lb.	...	£15 8 0
56-lb.	...	£17 0 0

If above 18 feet total height 4/- per foot extra for either size.



F 547.

DINNER LIFT WITH PATENT AUTOMATIC BRAKE.

SINGLE as F 376.

Price of Ironwork only, with balance weight, and eyes and strap for cage, to raise ½-cwt., size of cage 24 × 18 × 36 in. high,

£7 19 0

Ditto, to raise 1 cwt., size of cage 27 × 21 × 39 in. high,

£8 18 0

Price, complete with Cage, Guides, Bearers, Ropes, etc., for a total height of 20 feet from bottom floor to top of Rope Wheel,

To raise

½-cwt.	...	£14 10 0
1-cwt.	...	£16 0 0

If above this height, 4/- per foot extra for either size.

DOUBLE as F 377.

Price of Ironwork only, with eyes and straps for cages to raise 28 lb , size of cages 18 × 16 × 27 in. high,

£9 15 0

Ditto, to raise 56 lb., size of cages 21 × 18 × 30 in. high,

£10 13 0

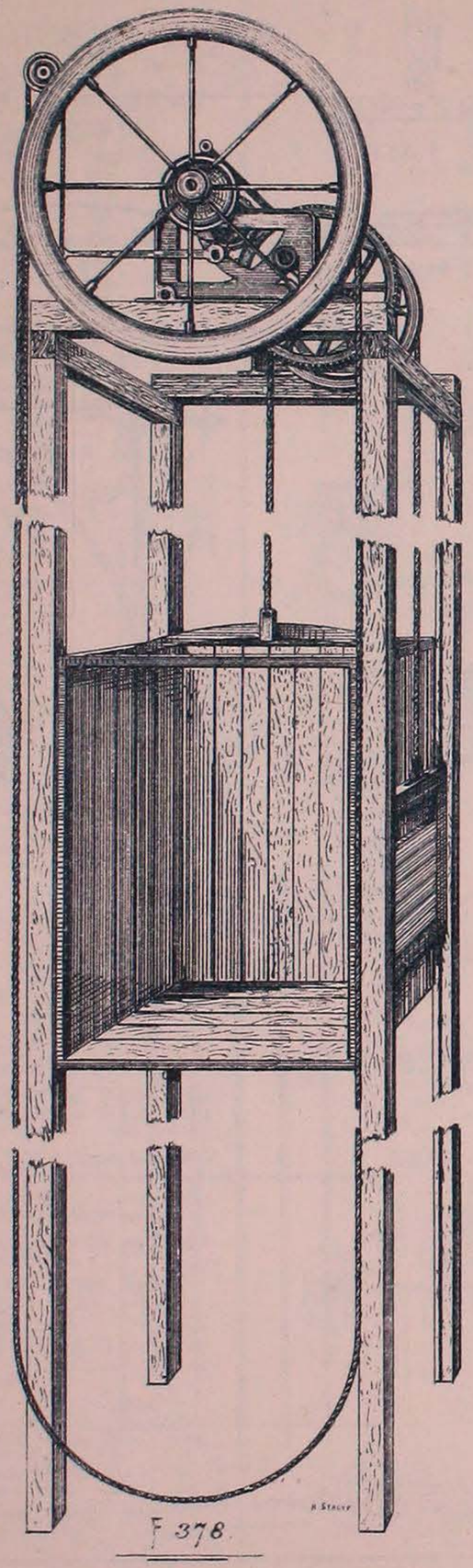
Price,complete with Cages, Guides, Bearers, Ropes, etc., for a total height of 18 feet from bottom of floor to top of Rope Wheel,

To raise

28-lb.	...	£17 10 0
56-lb.	...	£18 13 0

If above this height, 4/- per foot extra for either size.

Prices for special sizes on receipt of requirements, also estimates for fixing.



F 378.

HAND POWER WAREHOUSE OR LUGGAGE LIFT,

with overhead Gearing to work with endless Rope from any floor.

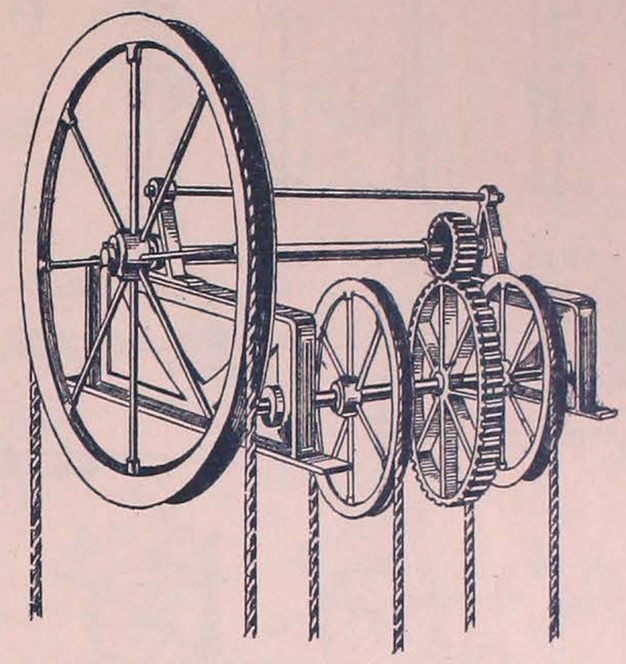
Prices of Ironwork only, including Brake and Balance Weight, exclusive of Cage Ironwork.

To raise		wide ft.	wide in.	deep. ft.	deep. in.	high. ft.	high. in.		£	s.	d.
2 cwt.,	for cage	2	6 ×	2	3 ×	3	6	.. ..	12	12	0
4 ,,	,,	3	0 ×	2	9 ×	4	6	.. ..	15	10	0
7 ,,	,,	3	6 ×	3	0 ×	5	6	.. ..	20	0	0
10 ,,	,,	4	0 ×	3	6 ×	6	0	.. ..	22	0	0
15 ,,	,,	4	6 ×	4	0 ×	6	0	.. ..	26	8	0
20 ,,	,,	5	0 ×	4	6 ×	6	0	.. ..	31	0	0

Prices, complete with Cage, Guides, Bearers, Ropes, etc., size of Cages as above.

To raise		Height over all from bottom floor to top of Rope Wheel.		£	s.	d.		Extra per ft. in. height.
2 cwt.	..	20 feet	..	21	15	0	..	4/-
4 ,,	..	,,	..	26	10	0	..	5/-
7 ,,	..	,,	..	33	0	0	..	6/-
10 ,,	..	22 feet	..	36	10	0	..	6/3
15 ,,	..	,,	..	42	15	0	..	6/9
20 ,,	..	,,	..	51	0	0	..	9/-

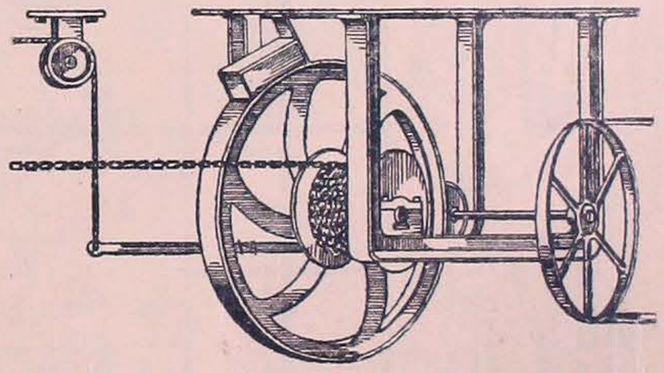
Lifts to raise 10 cwt. and upwards are calculated for two men.



F 379.

HAND POWER, PIANO, OR FURNITURE LIFT,

with overhead gearing to work with endless rope from any floor.



F 386.

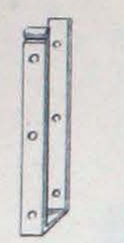
FRICTION HOIST FOR POWER

to work with Band or Cords for loads up to 15 cwt.

Quotations on receipt of Requirements.

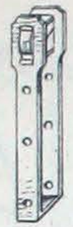
Prices for special sizes on receipt of requirements, also estimates for fixing.

Ironwork for Roofs, Gates, &c.

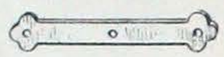

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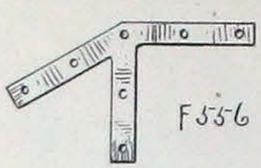

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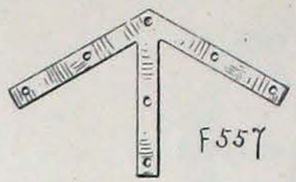

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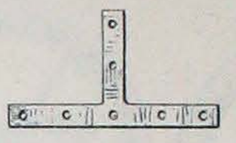

F553 with Gibs & Cotters.

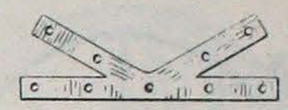

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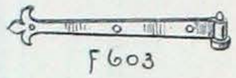

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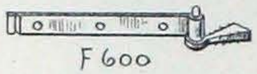

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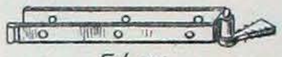

F558


F559

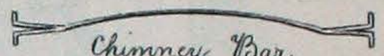

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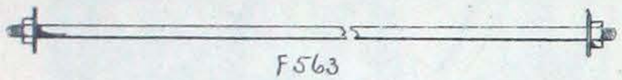

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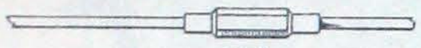

F600

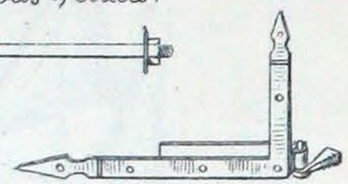

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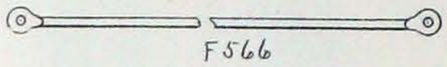

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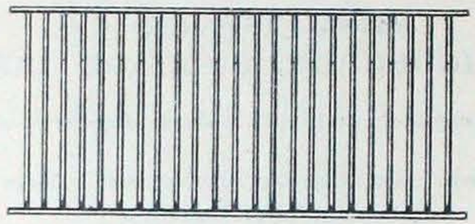

Chimney Bar F599.

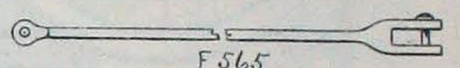

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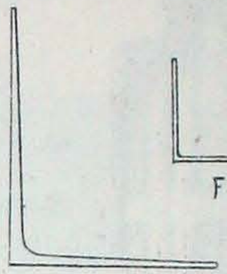

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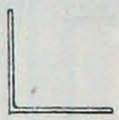

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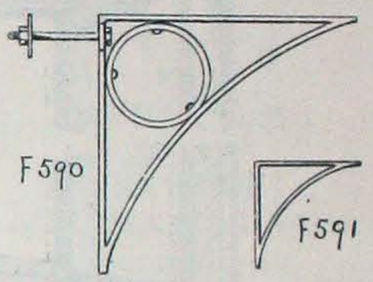

F566


F635 Area Grating

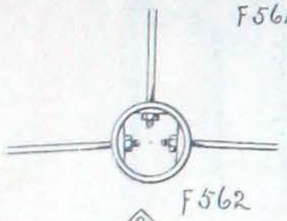

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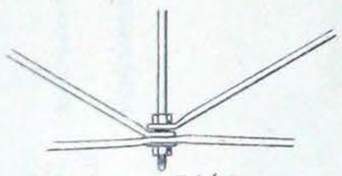

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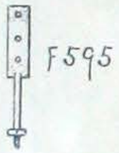

F597


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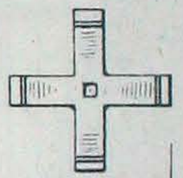

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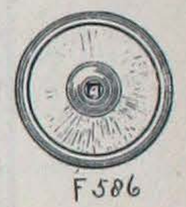

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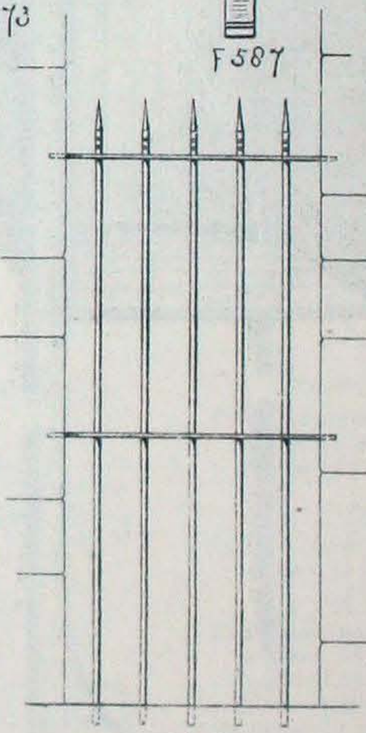

F570


F572


F573


F587


F586


F618 Guard Bars.


F630

F631

F632

Drain Gratings

F624

F625

Pile Shoes.

F619

Window Guard Bars.

Quotations on receipt of specification.

Mediæval Iron Door Fittings.

PRICES.

Best Finish. Berlin Blacked.

SCREWS.

	long		diam.		head	
M 200	1 in.	×	¼in.	×	½in.	8d. doz.
	1½in.	,,	¼in.	,,	⅝in.	1/2 ,,
	1½in.	,,	¼in.	,,	⅝in.	1/6 ,,
M 201	¾in.	,,	$\frac{3}{16}$in.	,,	⅝in.	8d. ,,
	1 in.	,,	¼in.	,,	$\frac{7}{16}$in.	8d. ,,
	1½in.	,,	¼in.	,,	$\frac{7}{16}$in.	9d. ,,
	1½in.	,,	¼in.	,,	$\frac{7}{16}$in.	9d. ,,
	3 in.	,,	¼in.	,,	½in.	10½d. ,,

DOOR NAILS.

	Size of head.	Length of sturt.	Per Gross.	Price
M 202	⅜in.	1 in.	5/-	6d. per doz.
M 203	⅜in.	1 in.	5/-	6d. ,,
M 204	1 in.	1 in.	7/6	8d. ,,

ESCUTCHEONS.

	For Rim Locks.	For Stock Locks.
M 205	—	1/6 per doz.
M 206	1/6	2/- ,,
M 207	—	2/6 ,,
M 208	2/-	2/4 ,,
M 209	2/-	2/4 ,,
M 210	—	3/9 ,,
M 211	—	1/- ,,
M 212	—	1/6 ,,

MORTICE LOCK FURNITURE.

	2 in.	2½ in.	2½ in.	
M 213—Pitt's Rose	—	2/4	—	per set
M 214—Ditto	—	2/8	3/-	,,
M 215—Wilkes' Spindle	2/4	2/8	3/-	,,

LATCH HANDLES—Malleable Iron.

	Size outside ring.	Price each.		Size outside Ring.	Price each.
M 216	2½ in.	1/-	M 227	4 in.	1/6
M 217	2½ in.	1/-	M 228	4 in.	2/-
M 218	3½ in.	1/4	M 229	4 in.	1/6
M 219	2⅜×3½ in.	1/1	M 230	4½ in.	1/10
M 220	3 in.	1/1	M 231	4¼ in.	1/10
M 221	4 in.	1/9	M 232	4½ in.	2/6
M 222	3¾ in.	1/9	M 233	4¾ in.	2/6
M 223	4 in.	1/9	M 234	4 in.	1/10
M 224	3½ in.	1/-	M 235	4¼ in.	1/3
M 225	4 in.	1/6	M 236	4 in.	1/3
M 226	3¾ in.	1/4			

THUMB LATCHES.

Handle	M 237	M 238	M 239	M 240
With Latch	M 241	M 242	M 243	M 244
Per Set	1/4	2/-	3/6	2/10

No. 239, 243 in Bright Japan, all others in Berlin Black.

M 245—Latch with inside and outside handles, 5 in. 2/6, 7 in. 2/9 per set.

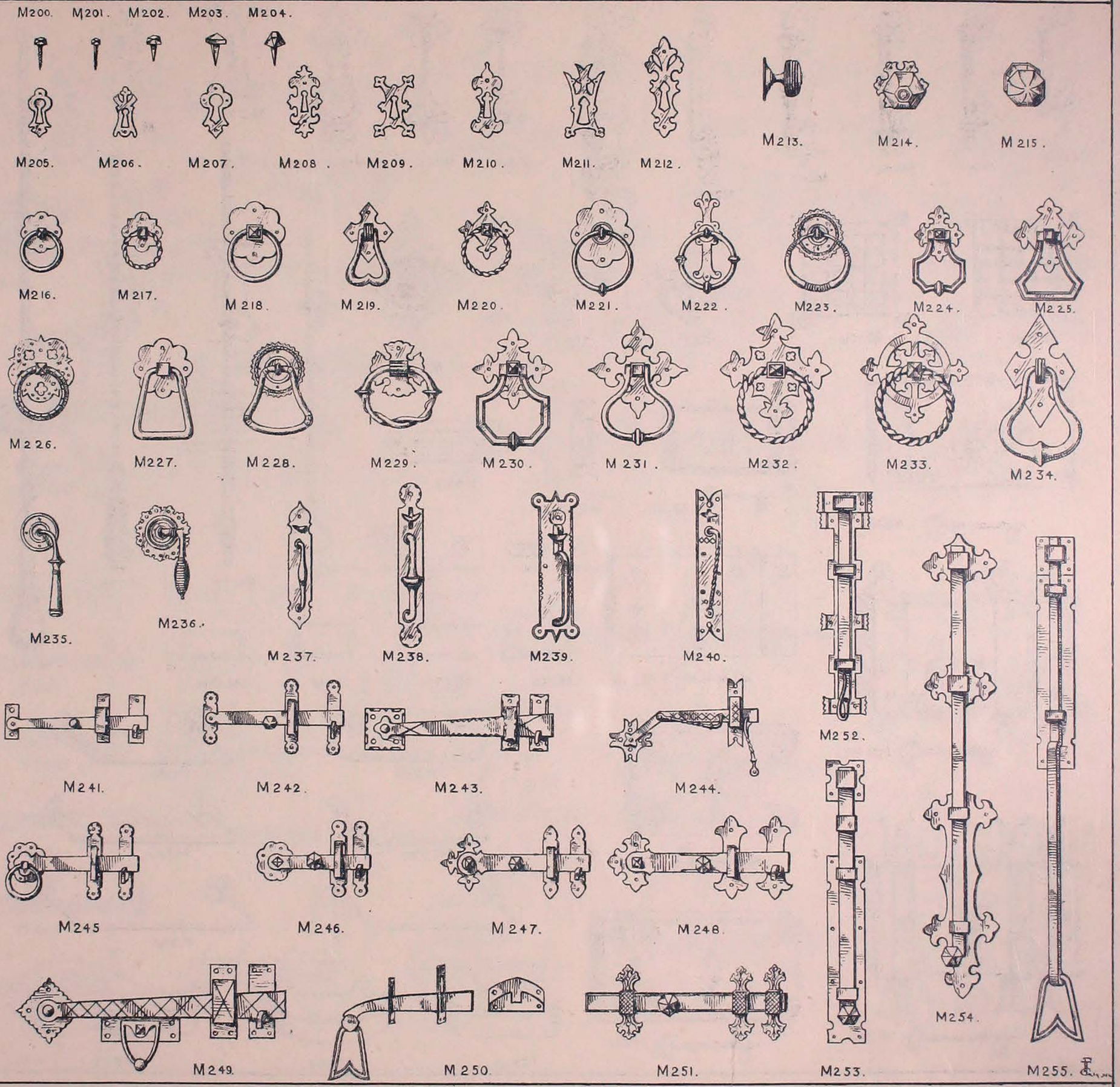
Latches, with followers to work with handles, M 216 to M 234.

M 246	M 247	M 248	M 249
6 in.	8 in.	10 in.	15 in.
1/3	1/6	2/-	3/-

M 250 Mortice Gate Latch, 7½-in. 2/- each

BOLTS.

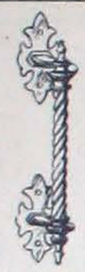
	6 in.	9 in.	12 in.		
M 251	2/8	2/11	3/2 each		
	10 in.	12 in.	18 in.	24 in.	30 in.
M 252	2/6	3/4	4/3	5/-	—
M 253	2/4	2/9	3/4	4/-	5/-
M 254	2/9	3/-	4/-	4/9	5/9
	18 in.	24 in.	30 in.	36 in.	
M 255	3/9	4/6	5/-	5/6 each	



Illustrations are about one-eighth full size. Further details and prices in Wrot Iron or Brass on receipt of requirements.

Mediæval Iron Door Fittings.


M260.

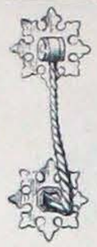

M261.


M262.


M263.

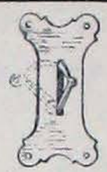

M264.


M265.

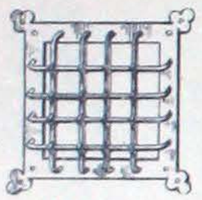

M266.

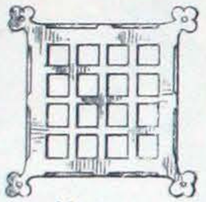

M267.


M268.

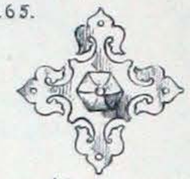

M 278.

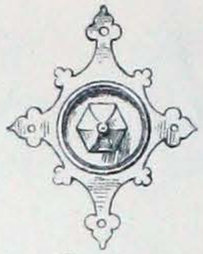

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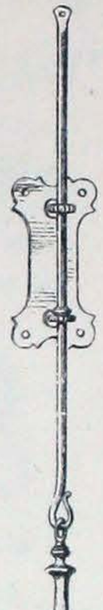

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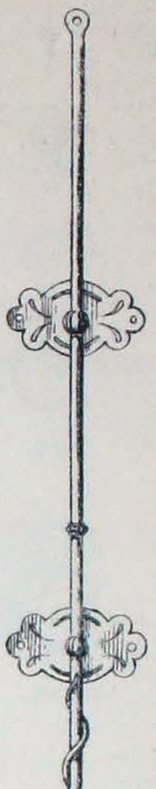

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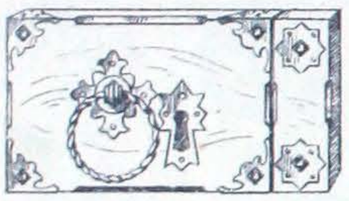

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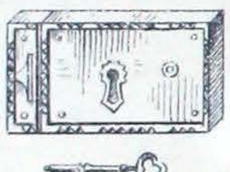

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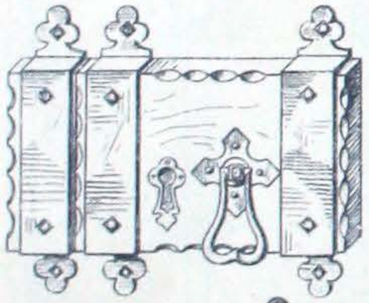

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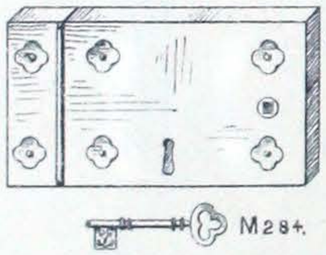

M280.


M281.


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M288.


M283.

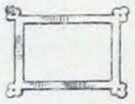

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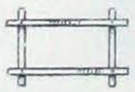

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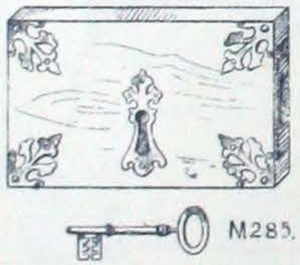

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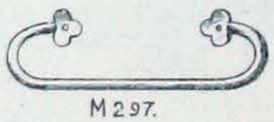

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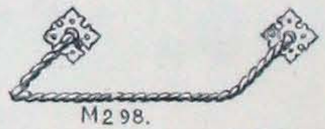

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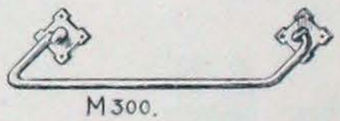

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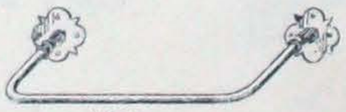

M285.


M297.


M298.


M299.


M300.


M301

M302.

M286.

M287.

M303

M304.

M305.

PRICES.

Best Finish. Berlin Blacked.

HANDLES.

M 260	M 261	M 262	M 263	M 264
2/-	3/4	3/4	4/6	4/3

per pair.

M 265 length of plate, 13½ in. 6/- 18 in. 12/6 per pair.

KNOCKERS.

M 266	M 267	M 268
2/-	2/-	1/8 each

GRILLES.

M 269 ... 4/6 M 270 ... 1/3 each

BELL PULLS.

M 271	M 272	M 273
2/3	2/4	2/10 each

GATE BELL PULLS.

M 274	M 275	M 276	M 277
2/6	3/3	3/6	5/9 each

QUADRANT BELL PULLS.

M 278 10d. each M 279 10d. each

RIM LOCKS.

M 281 2 Bolts with one key, 6 in. 6/- each
M 284 Ditto do. 7 in. 7/6, 9 in. 10/6 ,,

LOCK STAPLES.

M 282 ... 2½ in. ... 6d. each

WOOD STOCK LOCKS.

Prices of 2-Bolt Stock Locks include handle on lock only, outside handle being extra.

M 280 10 in. 2 Bolts, 2 keys, 21/6 each
M 283 10 in. do. do. 21/- ,,
,, Ditto do., with bands as M 286 22/- each
M 285 1 Bolt with one key, 8 in. 3/3, 9 in. 3/6, 10 in. 3/9 each
M 286 10 in. 1 Bolt, 2 keys, 14/6 each
,, Ditto do. do., with bands, as M 283, 14/- each
M 287 1 Bolt with one key, 10 in. 7/- each
,, Ditto do. 10 in. with bands, as M 283, 8/6
M 288 Letter Plate, 1/3 each.

BRASS AND IRON PEW FITTINGS.

M 289 Iron Studs to fix Umbrella Pans. 7d. per dozen.
,, Brass do. do. do. 1/3 per doz.

PEW NUMBERS.

M 290 China, size 2½ in. × 1 in., 4/6 per dz.
M 291 Iron, 1½ in. 8d., 2 in. 1/- per doz.
,, Brass, 1½ in. 3/-, 1½ in. 3/6, 2 in. 5/-
M 292 China ... .. 4/9 dozen
,, Brass ... ... 20/- dozen

For Oval China Numbers, see page 34

CARD FRAMES.

Size for Cards 3 in. × 1½ in. 3½ in. × 2½ in.

M 293	Iron	2/6	3/6 doz.
,,	Brass	3/6	5/6 ,,

Size for Cards 3 in. × 1⅝ in.

M 294 Iron, 2/3 Brass, 8/- doz.
M 295 Bronzed Iron, 1/6 ,, 8/3 ,,

Size for Cards 3 in. × 1⅛ in.

M 296 Iron, 2/- Brass, 4/6 doz.
M 308 Machine made Brass, to take Card 3 in. × 1⅛ in., 1/9 doz.

BRASS UMBRELLA HOLDERS.

	M 297	M 298	M 299	M 300
Dia. of bar	⅜	⅜	5/16	¼ in.
Stiff	21/-	17/-	—	—
To fall	—	20/-	24/-	14/- doz.

	M 300	M 301	M 302	
Dia. of bar	5/16	⅜	⅜	inch
Stiff	—	—	16/-	dozen
To fall	17/-	21/-	—	,,

UMBRELLA PANS.

M 303	M 304	M 305
Iron 9/6	12/6	14/6 doz.

Illustrations are about one-eighth full size. Further details and prices in Wrot Iron or Brass on receipt of requirements.

PRICES.

Best Finish. Berlin Blacked.

CAST HINGE FRONTS.

	Lgth	Price pr pair		Lgth	Price pr pair
M 315	25 in.	5/8	M 328	25 in.	6/-
M 316	23 in.	7/-	M 329	10 in.	2/4
M 317	25 in.	4/9	M 330	20 in.	4/6
M 318	14 in.	3/6	,,	32 in.	8/6
M 319	12 in.	3/-	M 331	27½ in.	4/9
M 320	18 in.	2/9	M 332	26½ in.	5/-
M 321	21½ in.	4/6	M 333	22 in.	5/8
M 322	26 in.	5/3	M 334	21 in.	3/6
M 323	23½ in.	5/3	M 335	32 in.	15/3
M 324	16 in.	5/-	M 336	30 in.	10/-
M 325	29 in.	7/-	M 337	24 in.	6/6
M 326	26 in.	6/3	M 338	26 in.	7/-
M 327	21 in.	5/8	M 339	21 in.	5/3

Nos. M 318, M 330, and M 336 are in Malleable Iron.

Above prices are exclusive of Screws.

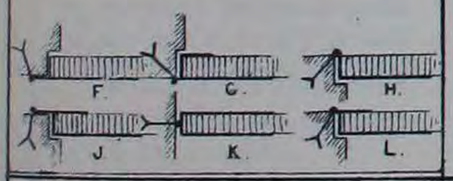
WROT IRON HINGES.

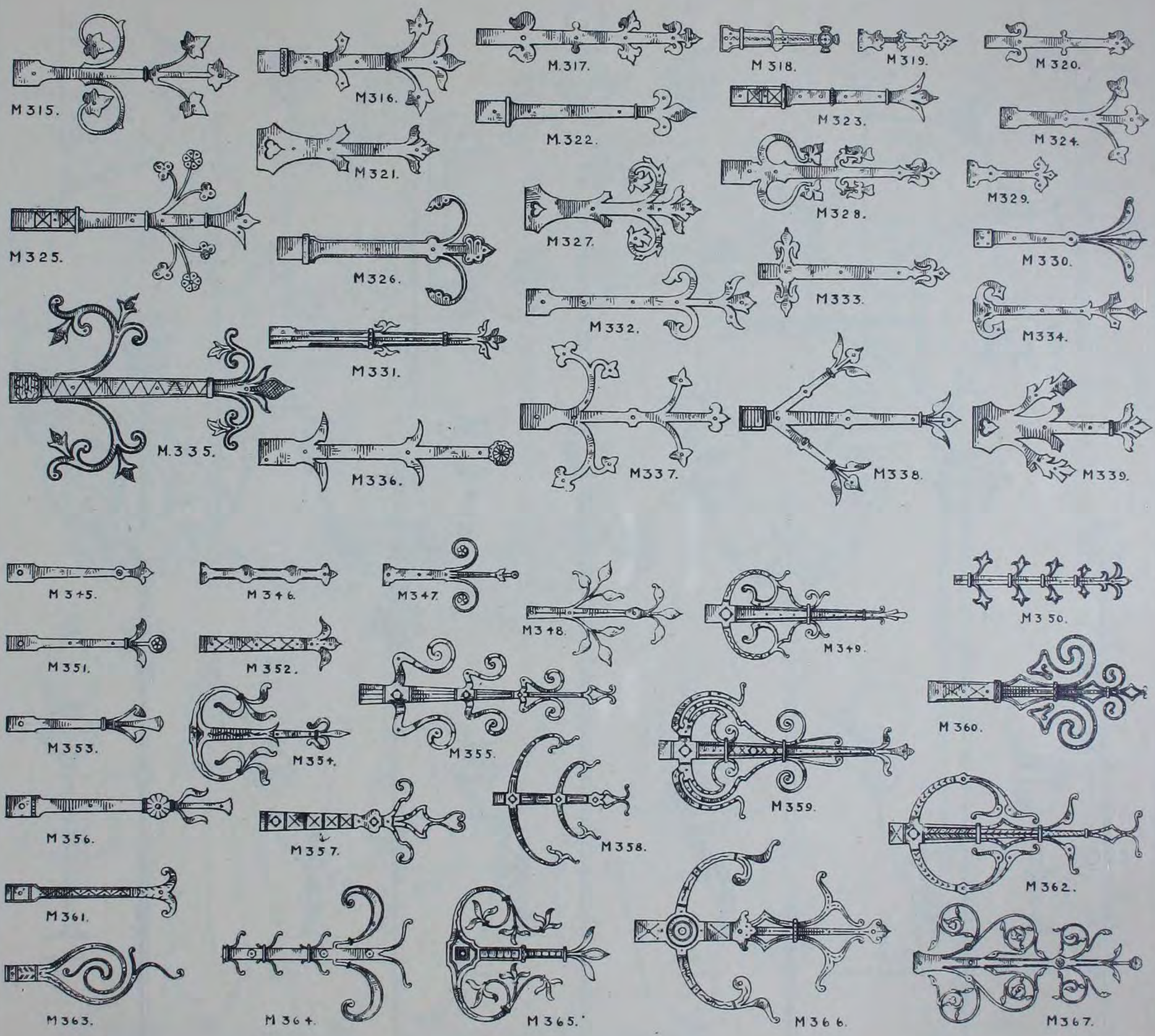
	Lgth	Price pr pair		Lgth	Price pr pair
M 345	18 in.	30/6	M 357	24 in.	74/6
M 346	18 in.	38/6	M 358	18 in.	120/-
M 347	18 in.	51/-	M 359	30 in.	216/-
M 348	20 in.	84/-	M 360	30 in.	154/-
M 349	27 in.	122/-	M 361	21 in.	49/6
M 350	24 in.	103/-	M 362	33 in.	195/-
M 351	20 in.	49/6	M 363	24 in.	58/-
M 352	18 in.	43/6	M 364	24 in.	98/-
M 353	20 in.	49/6	M 365	21 in.	180/-
M 354	21 in.	103/-	M 366	33 in.	170/-
M 355	30 in.	147/-	M 367	30 in.	276/-
M 356	27 in.	78/6			

The above prices are with Joints as plan G, J or L, having back Straps to take first Bolt, and with Bolts and Screws for fixing.

Lower quotations given if single Straps as F or H.

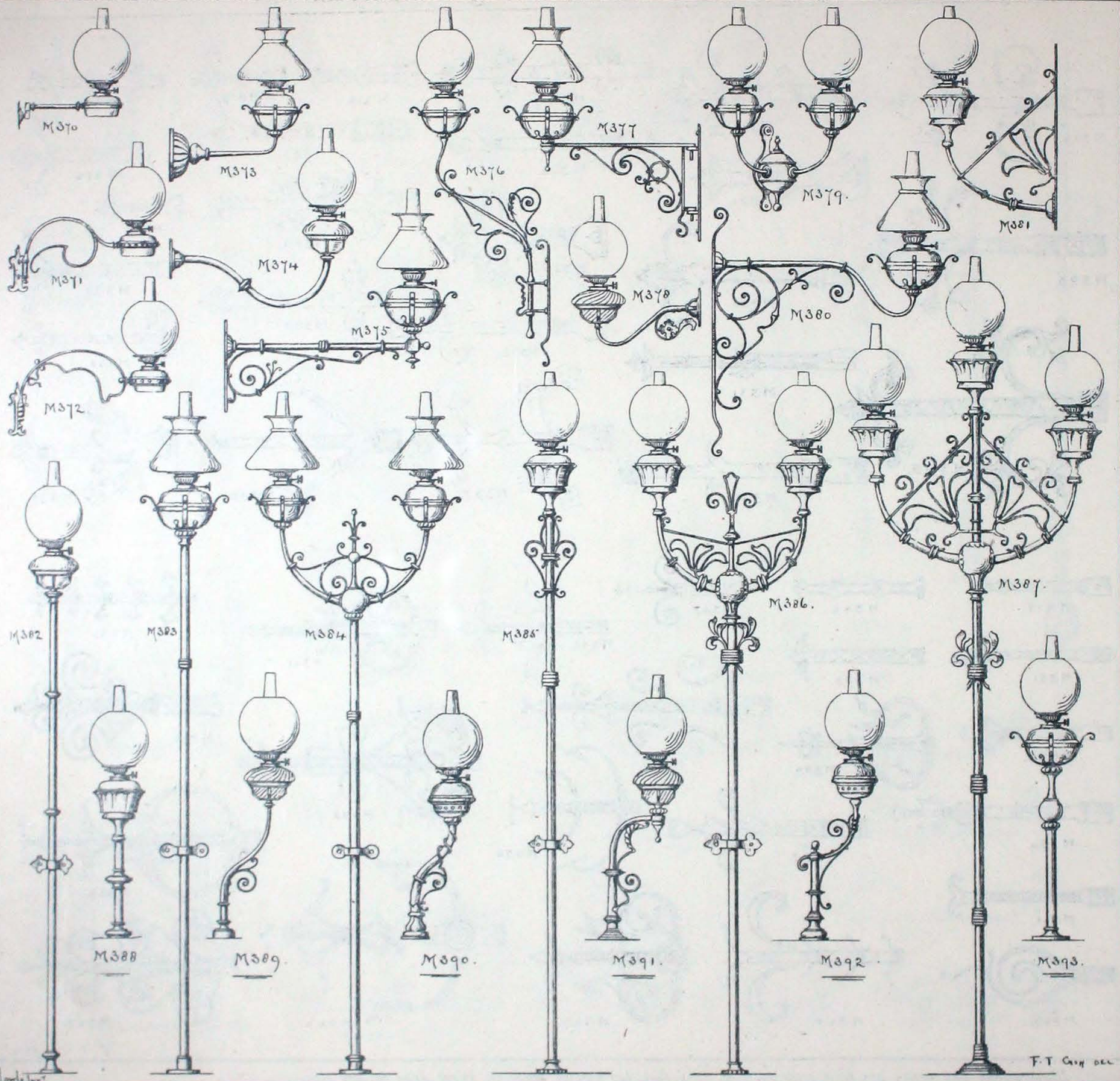
When ordering Hinges, state position of Joints as on plan, and whether for Wood or Stone fixing.





Illustrations and prices are to a scale of ¾ in. = 1 foot, but can be made in Wrot Iron to any size.

Petroleum Lamp Brackets, Standards and Pulpit Lights.



PRICES.

	Decorated Iron & Brass. each.	Polished Brass each.
*M 370—Duplex Burner, Opal Fount ...	13/6	18/9
Duplex Burner, Opal Fount, not to turn	11/-	15/3
M 371—Duplex Burner, Opal Fount ...	20/-	32/6
M 372—Duplex Burner, Opal Fount ...	18/6	32/6
M 373—Duplex Burner, Copper Fount	28/-	42/6
M 374—Duplex Burner, Glass Fount ...	17/-	—
M 375—Veritas Burner, Copper Fount	42/-	84/-
M 376—Duplex Burner, Copper Fount, to turn ...	56/-	—
M 377—Veritas Burner, Copper Fount	45/-	—
M 378—Duplex Burner, Glass Fount ...	18/6	—
M 379—Duplex Burner, Copper Fount	52/-	72/-
M 380—Veritas Burner, Copper Fount	63/6	—
M 381—Duplex Burner, Opal Fount ...	31/-	—
M 382—Duplex Burner, Opal Fount ...	21/-	—
M 383—Veritas Burner, Copper Fount,	34/6	55/-
M 384—Duplex Burner, Copper Fount	79/-	158/6
M 385—Duplex Burner, Opal Fount ...	27/6	—
M 386—Duplex Burner, Opal Fount ...	71/-	198/-
M 387—Duplex Burner, Opal Fount ...	105/-	270/-
M 388—Duplex Burner, Opal Fount ...	21/6	—
M 389—Duplex Burner, Glass Fount ...	32/-	41/-
M 390—Duplex Burner, Glass Fount ...	50/-	—
M 391—Duplex Burner, Glass Fount ...	42/-	—
M 392—Duplex Burner, Glass Fount ...	53/-	78/6
M 393—Veritas Burner, Copper Fount	35/-	51/6

All patterns priced with Glasses and Burners as drawn.

Copper Founts with Duplex or Veritas Burners 7/- extra to Opal or Glass Founts.

Duplex Burners if with Lever and Extinguisher 1/6 each extra.

Paris Shades as M 373, 1/8 extra to Round Globes.

In ordering Iron Fittings please state if to be Decorated in Colours or Dead Black.

Illustrations and Prices are to a scale of $\frac{3}{4}$ in. = 1 ft., but can be made to any dimensions.

Petroleum Brackets and Pendants.

PRICES.

	Decorated Iron and Brass.	Polished Brass.
M 394—Duplex Burner, Opal Fount ...	17/9	22/9
M 395—Duplex Burner, Opal Fount ...	17/6	41/-
M 396—Duplex Burner, Opal Fount ...	22/6	—
M 397—Duplex Burner, Opal Fount ...	24/6	—
M 398—Duplex Burner, Copper Fount	41/-	62/6
M 399—Duplex Burner, Copper Fount	39/-	51/-
M 400—Duplex Burner Opal Fount ...	30/-	60/-
M 401—Duplex Burner, Glass Fount ...	26/-	47/-
M 410—Suspending Bracket, 21 in.	10/9	—
M 411—Ditto 12 in. ...	4/3	18/-
M 412—Balance Weight and Chain, 3ft. 6 in. over all when up ...	12/-	17/-
,, Ditto 5 ft. do. ...	15/6	21/-
,, Ditto 6 ft. do. ...	18/-	23/-
M 413—2 Duplex Burners Opal Founts...	30/-	—
M 414—2 Duplex Burners Glass Founts	47/-	—
M 415—2 Duplex Burners Glass Founts	44/6	—
,, 3 Duplex Burners Glass Founts	61/6	—
M 416—3 Duplex Burners Opal Founts...	58/-	—
,, 4 Duplex Burners Opal Founts...	70/-	—
M 417—3 Duplex Burners Opal Founts ...	51/6	85/6
,, 4 Duplex Burners Opal Founts	63/6	124/-
M 418—3 Duplex Burners Copper Founts	107/6	—
,, 4 Duplex Burners Copper Founts	138/6	—
M 419—Duplex Burner, Opal Fount ...	13/9	26/-
M 420—Duplex Burner, Copper Fount	37/6	80/-
M 421—Duplex Burner, Copper Fount	44/-	94/6
M 422—Duplex Burner, Opal Fount ...	15/3	25/-
M 423—Veritas Burner, Copper Fount	29/-	44/6

All Patterns priced with Glasses and Burners, as drawn.

Copper Founts, with Duplex or Veritas Burners, 7/- extra to Opal or Glass Founts

Duplex Burners, if with Lever and Extinguisher, 1/6 each extra.

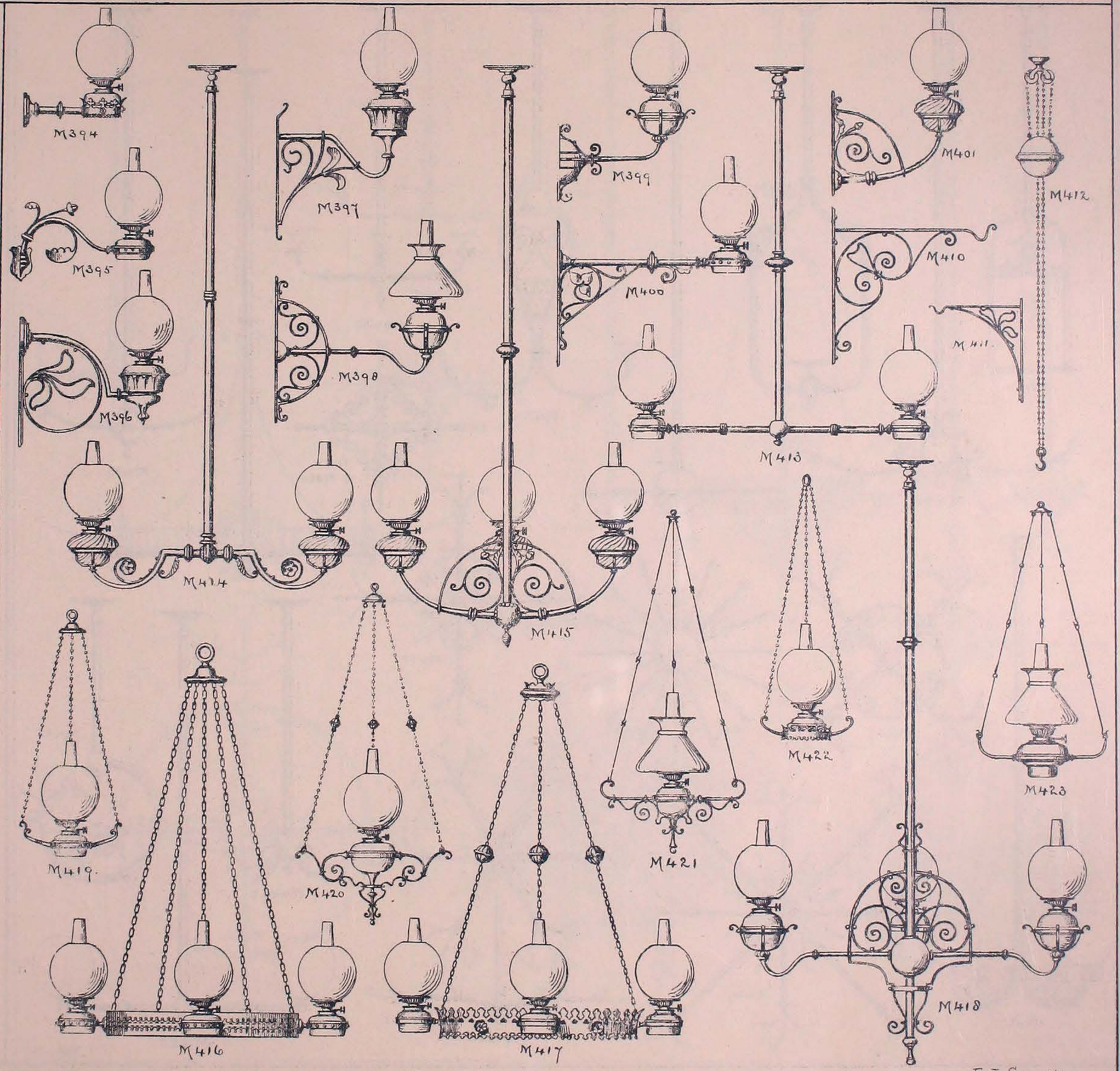
Paris Shades as M 398, 1/8 extra to Round Globes.

Pendant Lights include Stems long, Iron Stems above this length, per ft. extra.

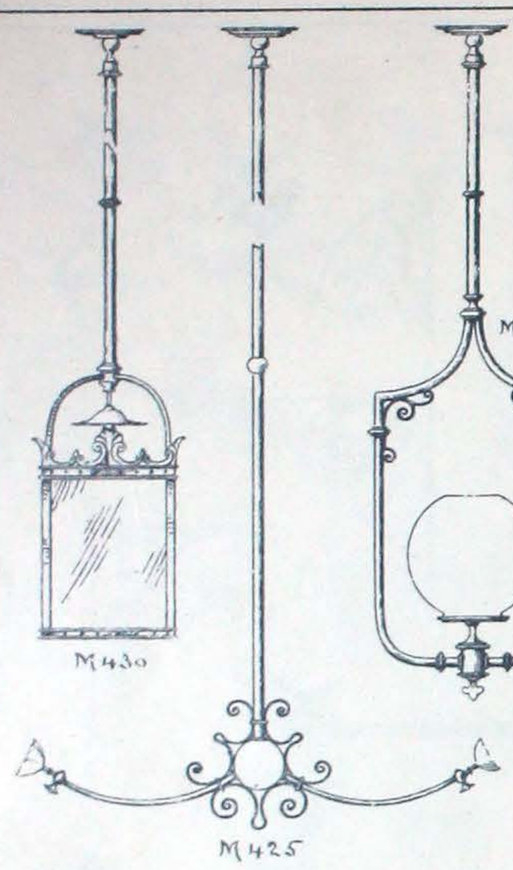
Cup and Ball Joints 2/6 extra

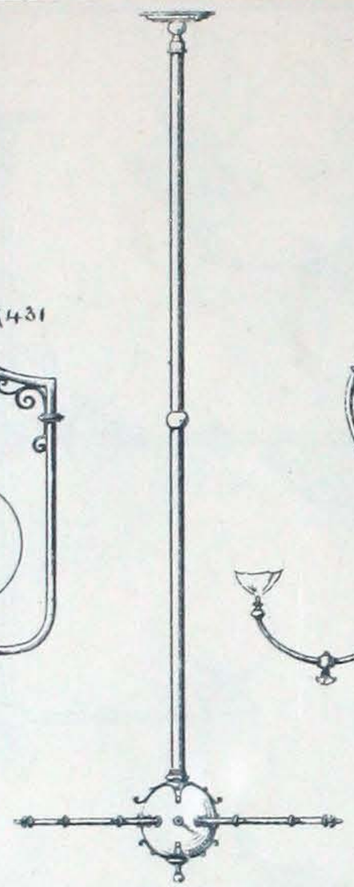
In ordering Iron Fittings, please state if to be decorated in Colours or Dead Black.

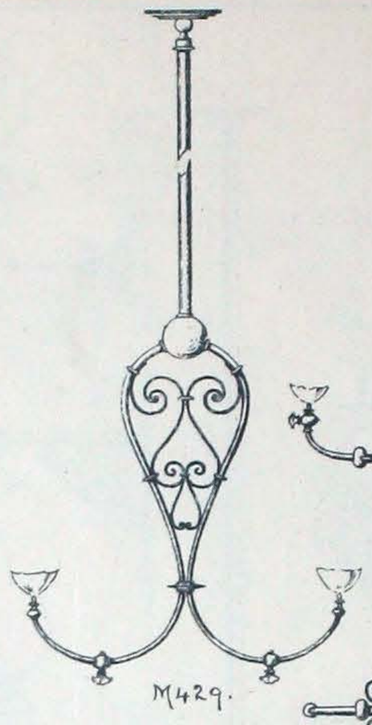
Illustrations and Prices are to a scale of ⅜ in. = 1 foot, but can be made to any dimensions.

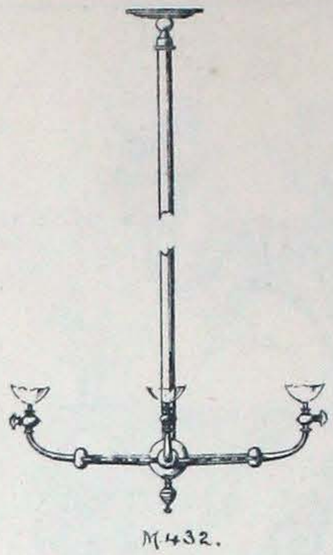


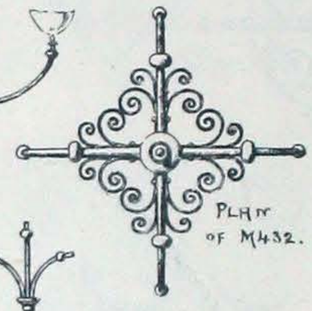
Gas Tee and Star Pendants.

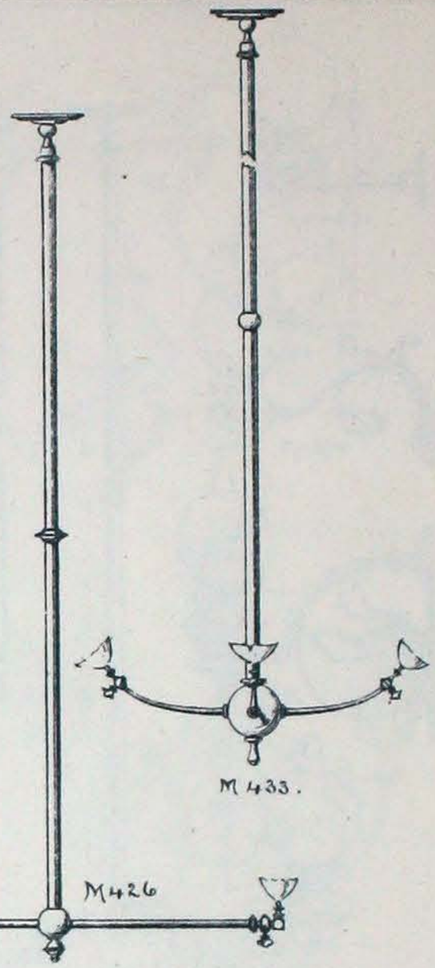


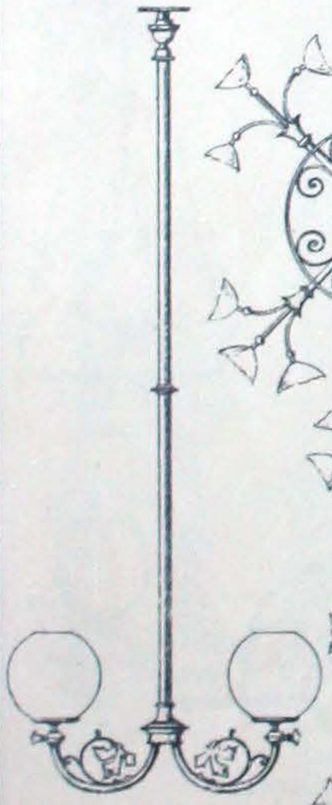


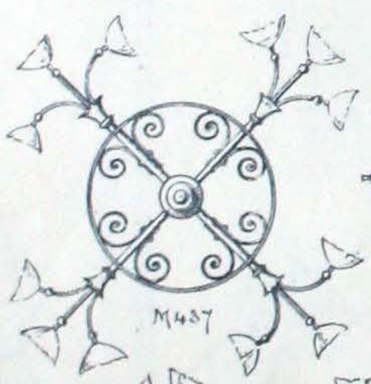


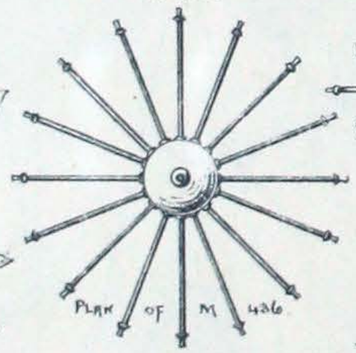


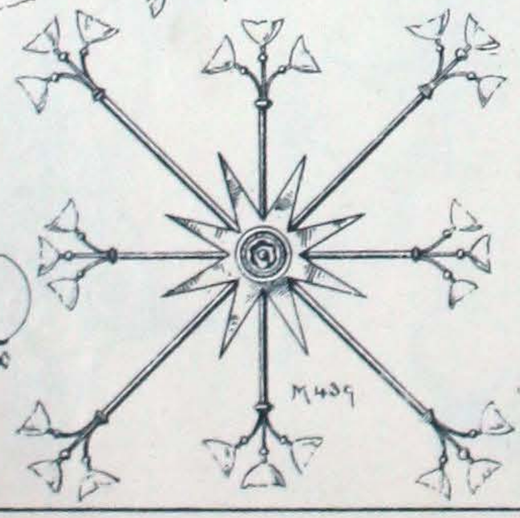


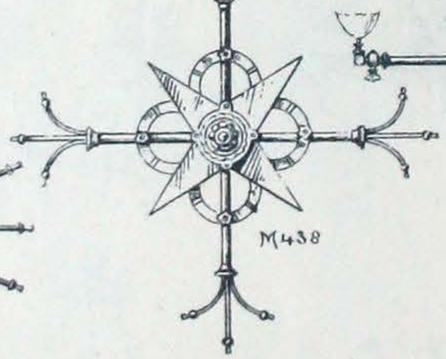


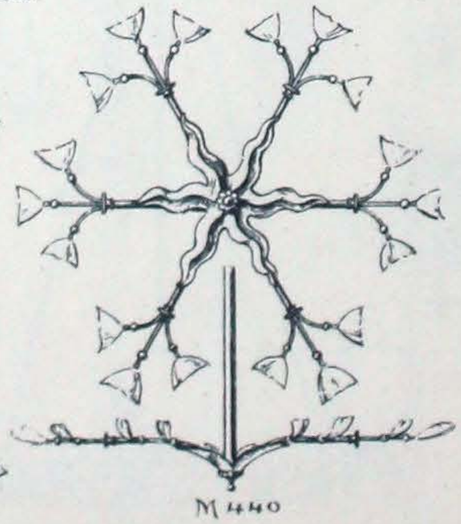


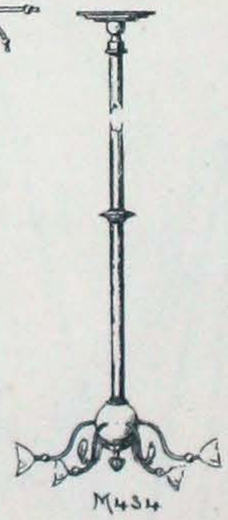


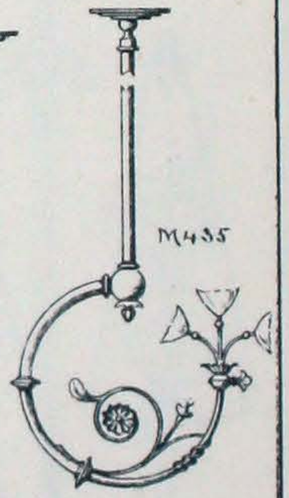


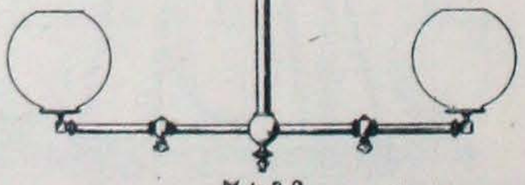












PRICES.

	Decorated Iron & Brass.	Polished Brass.
M 425—Tee Pendant ...	27/6	—
M 426—Ditto	13/9	—
M 427—Ditto	26/6	—
M 428—Ditto	24/-	—
M 429—Ditto	36/6	—
M 430—Hall or Porch Lamp... ...	52/6	96/-
M 431—Ditto	32/6	—
M 432—Pendant, 4 Light	40/-	88/6
M 433—Ditto 4 do....	22/6	42/-
M 434—Ditto 6 do....	14/6	30/-
M 435—Ditto 3 do....	30/-	60/-
M 436—Star Pendant, 16 Light ...	34/6	71/6
,, —Ditto 12 Light	28/6	60/-
M 437—Pendant, 12 do.	40/-	67/6
M 438—Ditto 12 do.	29/-	58/-
M 439—Ditto 24 do.	35/-	—
M 440—Ditto 18 do.	26/6	—

These prices are exclusive of Taps except where shown.

Taps in Stems to open and close with cord or rod, 2/6 extra to Iron, and 6/6 extra to Polished Brass.

Cup and Ball Joint in Stem, 2/- extra to Iron, and 4/- extra to Polished Brass.

Prices of Pendant Lights include Stems up to 5 ft. long. Extra length of Stem, 6d. per foot extra to Iron, and 1/- per ft. extra to Polished Brass.

All Globes to Gas Fittings are extra.

In ordering Iron Fittings, please state if to be decorated in Colours or Dead Black.

Illustrations and Prices are to a scale of $\frac{3}{4}$ in. = 1 foot, but can be made to any dimensions.

Gas Pendants and Coronæ.

PRICES.

	Decorated Iron & Brass.	Polished Brass.
M 441—Pendant, 4 Light	36/6	58/-
M 442—Ditto 12 do....	50/-	100/-
M 443—Ditto 3 do....	36/9	55/-
,, Ditto 4 do....	45/-	66/-
,, Ditto 5 do....	53/6	76/-
,, Ditto 6 do. ..	61/6	86/6
M 444—Corona, 12 do....	86/6	170/-
M 445—Ditto 20 do....	157/-	
,, Do., without Band 20 Light ...	78/6	
M 446—Star Pendant, 24 Lights ...	198/-	
M 447—Pendant, 36 do....	109/-	

These prices are exclusive of Taps, except where shown.

Taps in Stems, to open and close with cord or rod, 2/6 extra to Iron, and 6/6 extra to Polished Brass.

Cup and Ball Joint in Stem, 2/- extra to Iron, and 4/- extra to Polished Brass.

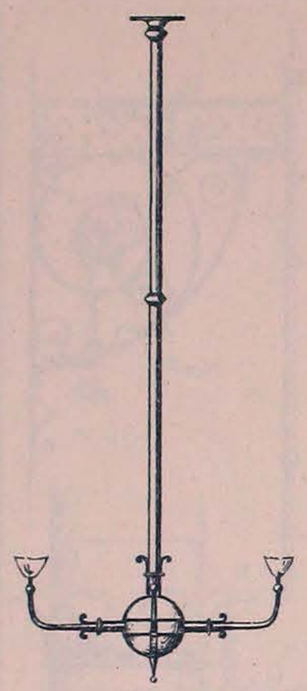
Prices of Pendant Lights include Stems up to 5 ft. long. Extra length of Stem, 6d. per foot extra to Iron, and 1/- per foot extra to Polished Brass.

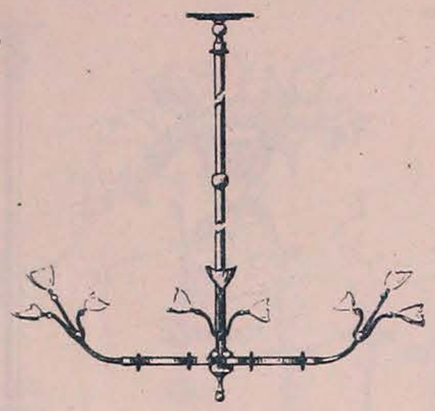
All Globes to Gas-fittings are extra.

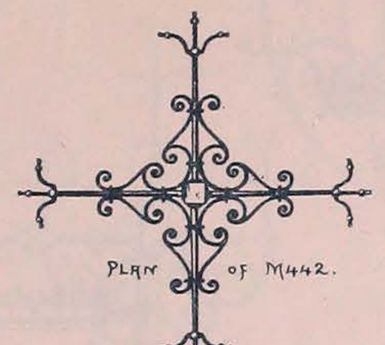
In ordering Iron Fittings, please state if to be Decorated in Colours or Dead Black.

M 441, M 443, M 445, M 446, M 447 in decorated Iron, have polished Copper bodies.

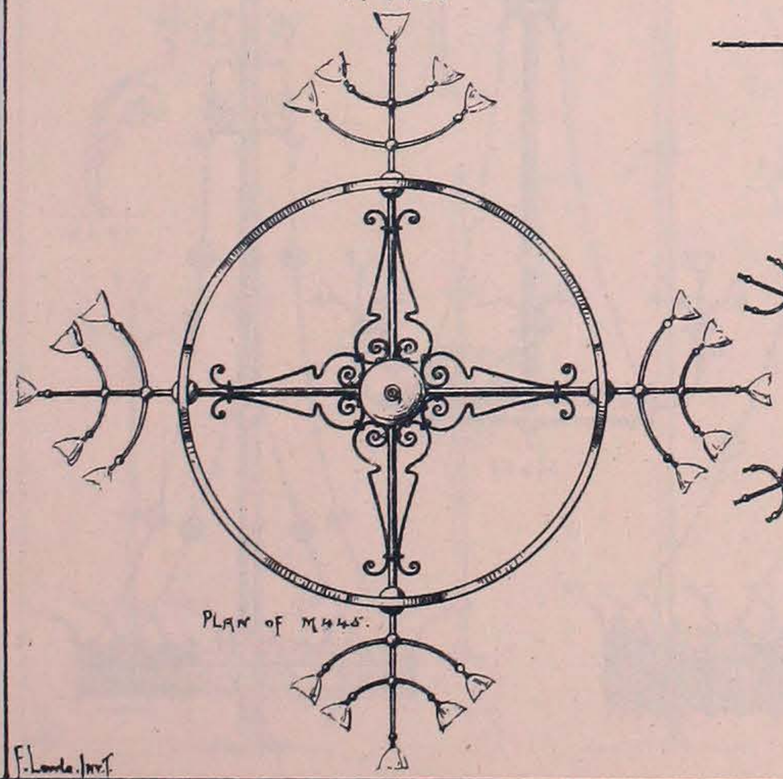
Illustrations and Prices are to a scale of $\frac{3}{4}$ in. = 1 ft. but can be made to any dimensions.

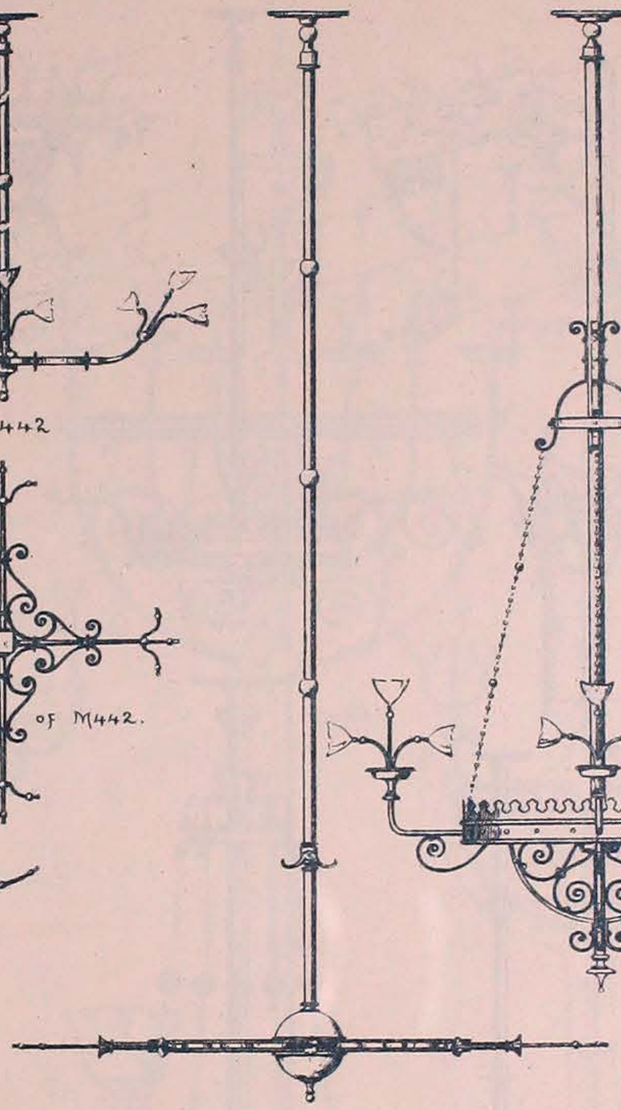

M441

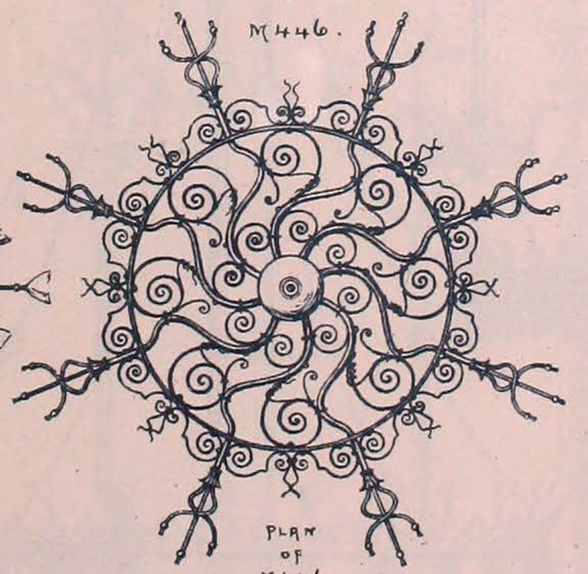

M442


PLAN OF M442.

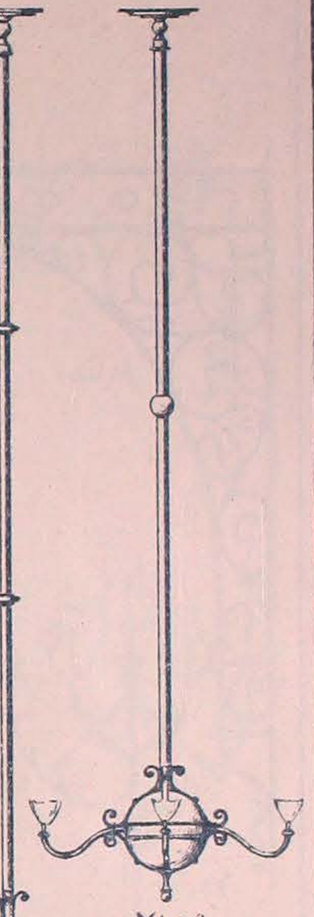
M445.


PLAN OF M445.

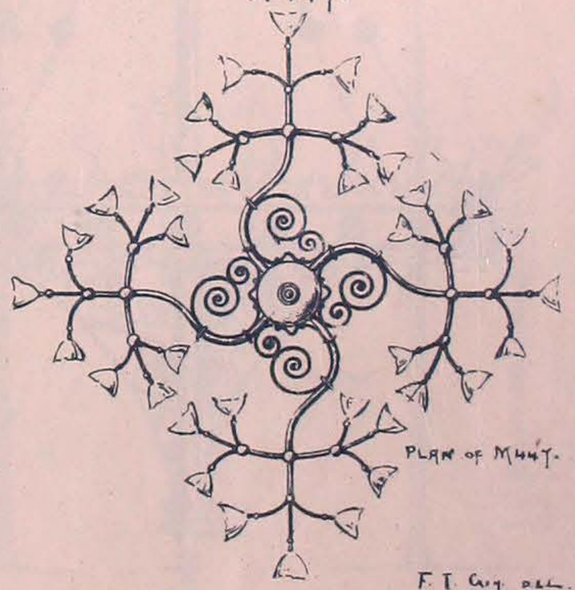

M446.


PLAN OF M446.

M444


M443

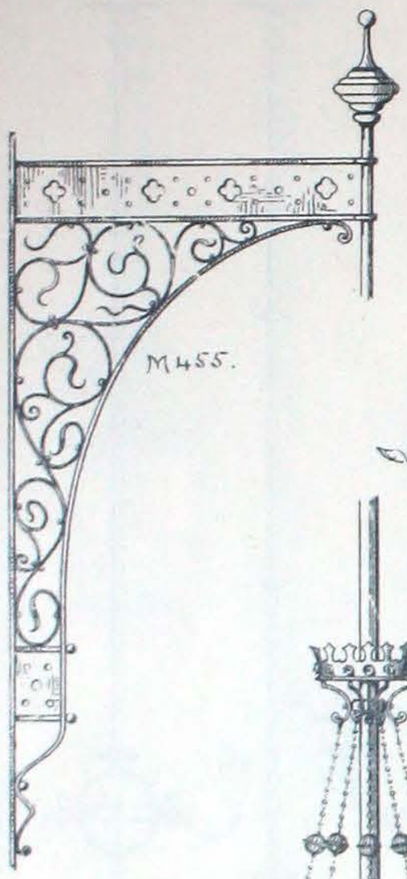
M447.

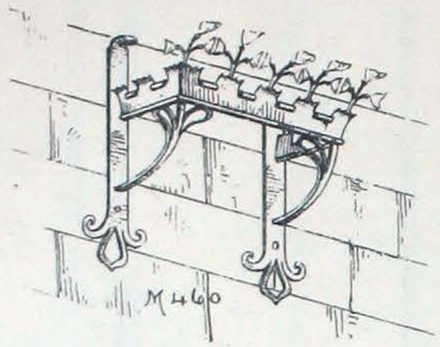

PLAN OF M447.

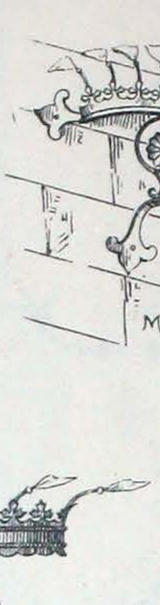
F. Lamb. Inv.

F. T. Guy del.

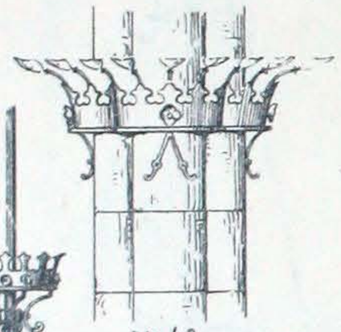
Gas Coronæ, Wall and Column Lights.

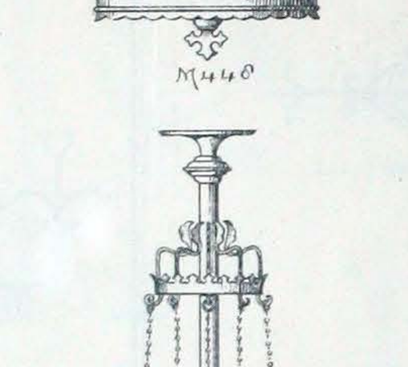


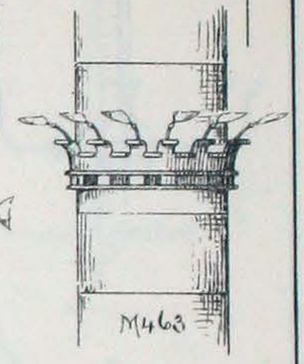


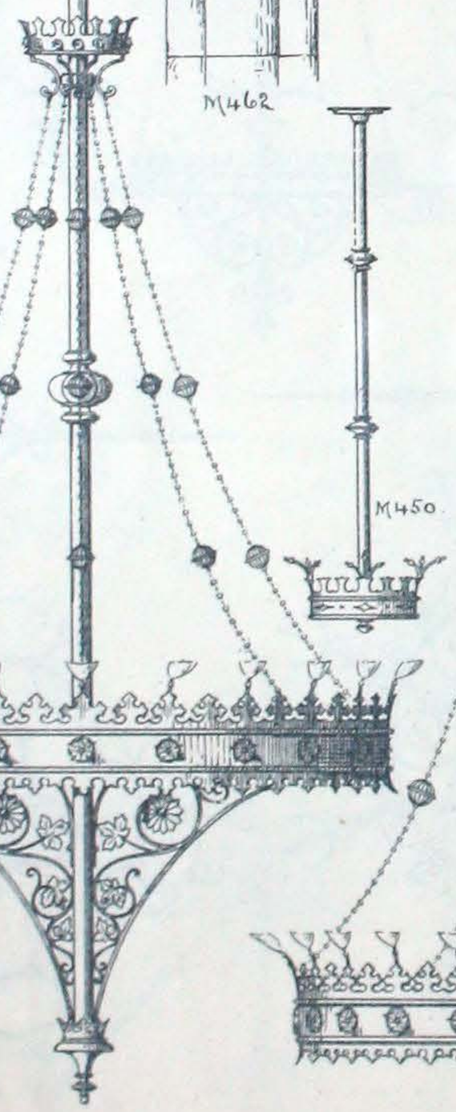


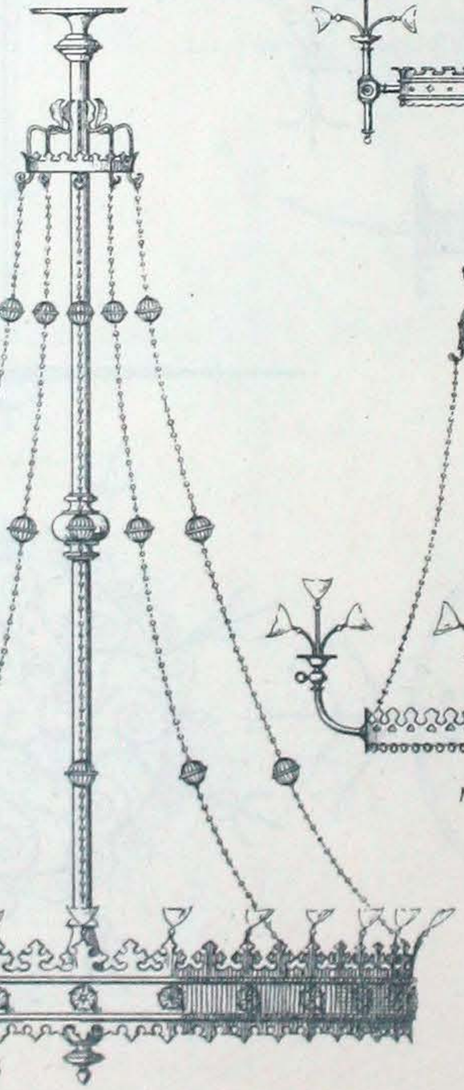


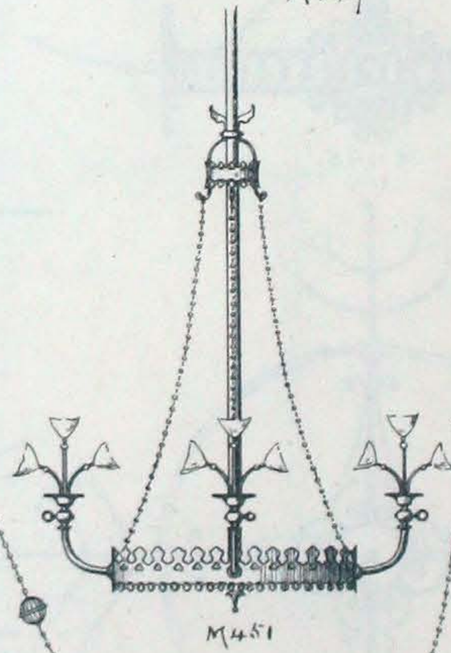














PRICES.

	Decorated Iron & Brass.	Polished Brass.
M 448—Corona, 12 Lights	42/-	74/6
,, Ditto 16 do. ...	50/-	85/-
M 449—Ditto 12 do. ...	67/-	
M 450—Ditto 12 do. ...	25/-	
M 451—Ditto 16 do. ...	60/-	91/6
M 452—Ditto 25 do. ...	373/-	
M 453—Ditto 25 do. ...	278/6	
M 454—Ditto 20 do. ...	128/-	200/-
M 455—Bracket for Corona, 27 in. projection ...	81/6	
M 456—Ditto 20 in. ...	40/-	
,, Suspending Tube for do., ¾ inch outside dia. ...	6d. per foot.	
,, Ditto 1 in. ...	8d.	,,
,, Ditto 1¼ in. ...	10d.	,,
M 460—Wall Light, 24 in. 15 Light ...	56/6	
M 461—Do., 30 in., 9 Light	45/-	
M 462—Column Light, Brass Band, 16 Light ...	90/-	
M 463—Ditto, Iron Band, 10 Light ...	33/-	

M 452 and M 453 in decorated Iron, have polished Brass Bands.

Extras for Taps, &c., same as page 203, except for Nos. M 452, M 453 Iron, which are:—Taps, 4/6 Cup and Ball Joints, 4/-; Stems above 5 ft., 10d. per foot extra.

Illustrations and Prices are to a scale of ¾ in. = 1 ft. but can be made to any dimensions.

PRICES.

	Decorated Iron & Brass. Each.	Polished Brass. Each.
M 470—Pulpit Light ...	34/-	53/6
M 471— Ditto ...	39/-	61/6
M 472— Ditto ...	52/-	85/6
M 473— Ditto ...	28/6	42/6
M 475—Pulpit Light, for Candle	21/-	
M 476—Standard Light, 3 Light	7/3	15/6
M 477—Standard Light, for 3 Candles ...	26/6	43/6
M 478—Standard Light, with Patent Burner ...	46/6	70/6
M 479—Standard, 3 Light...	40/-	60/-
M 480—Ditto 6 do. ...	53/6	75/-
M 481—Ditto 1 do. ...	7/9	17/-
M 482—Ditto 9 do. ...	57/-	75/6
M 483—Ditto 7 do. ...	130/6	
M 484—Ditto 9 do. ...	73/-	110/6
M 485—Ditto 7 do. ...	83/6	119/-
M 486—Ditto 9 do. ...	84/6	120/-
M 487—Ditto 9 do. ...	121/6	176/6
M 488—Ditto 15 do. ...	72/-	101/6

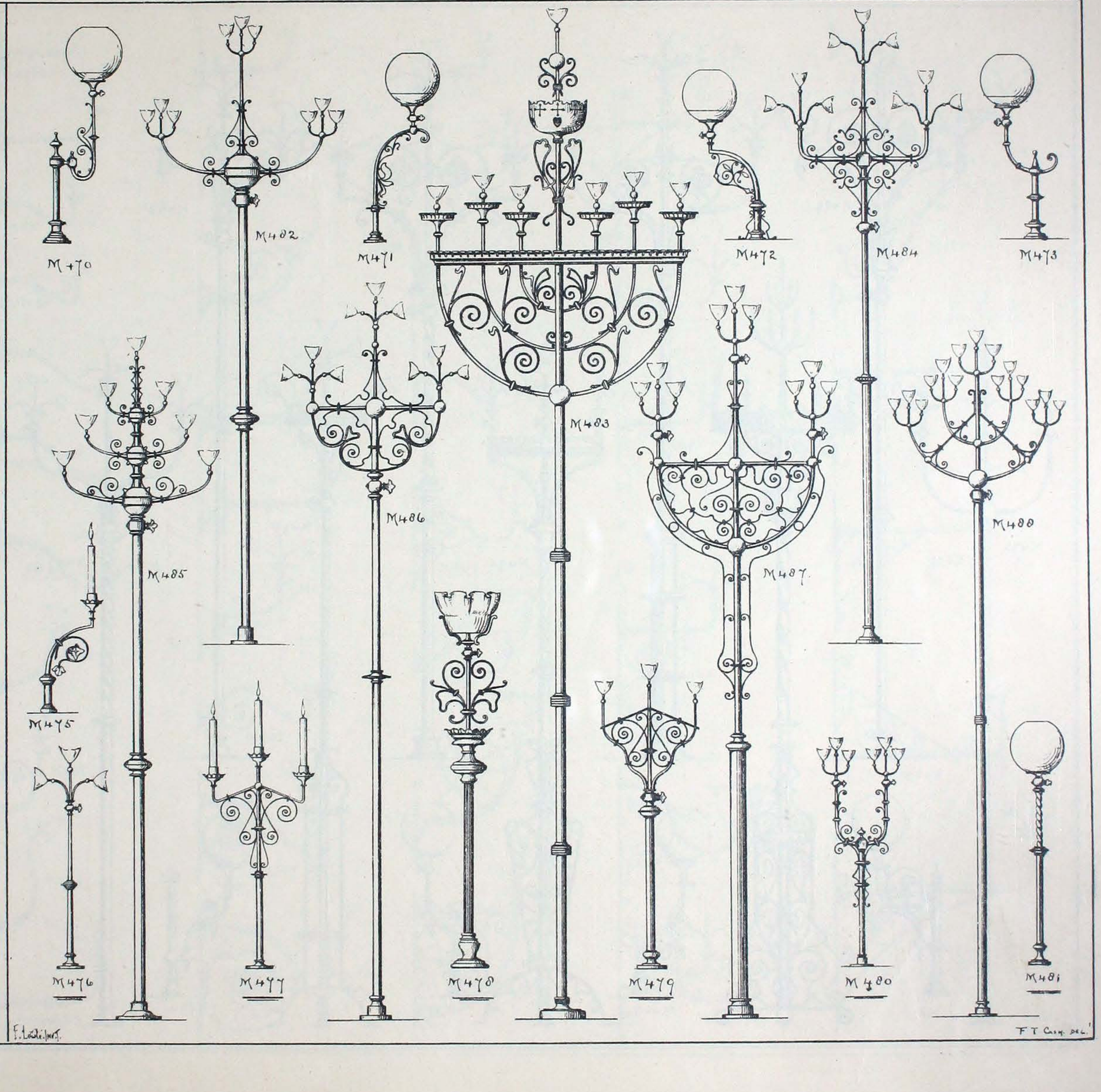
M 482 and M 485 have polished Copper bodies.

In ordering Iron Fittings, please state if to be decorated in Colors or Dead Black.

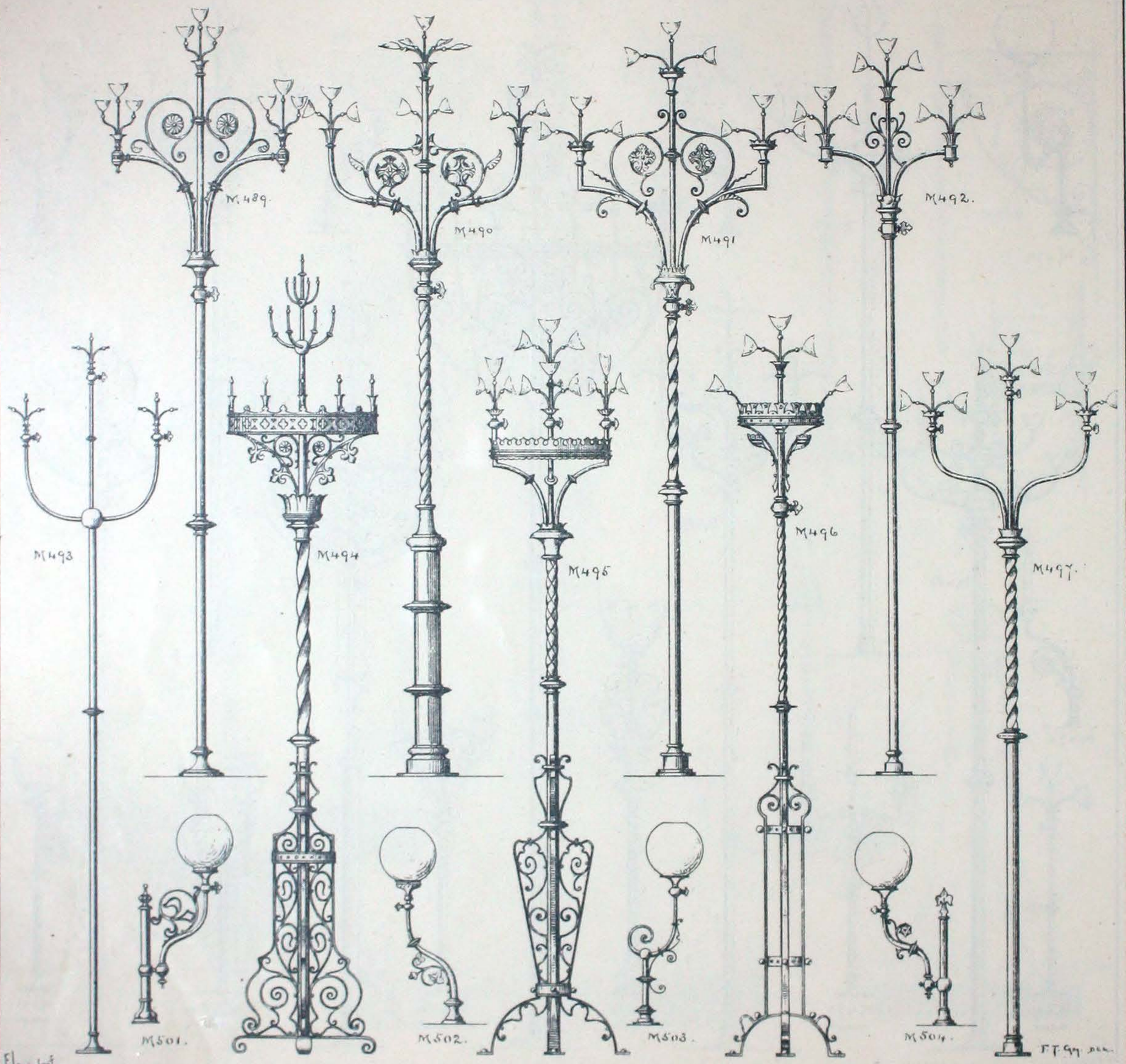
Bases of polished Brass Standards below centre collar, are in Iron.

All Globes for Gas-fittings are extra.

Illustrations and Prices are to a scale of $\frac{3}{4}$ in. = 1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements.



Gas Standard and Pulpit Lights.



PRICES.

	Decorated Iron & Brass. Each.	Polished Brass. Each.
M 489—Standard, 9 Light...	83/6	108/6
M 490—Ditto 17 do. ...	136/-	198/-
M 491—Ditto 9 do. ...	96/6	145/6
M 492—Ditto 9 do. ...	37/6	62/6
M 493—Ditto 9 do. ...	19/-	
M 494—Ditto 17 do. ...	251/6	322/6
M 495—Ditto 15 do. ...	180/-	208 6
M 496—Ditto 7 do. ...	130/6	150/-
M 497—Ditto 9 do. ...	35/6	60/-
M 501—Pulpit Light ...	35/6	56/6
M 502—Ditto ...	23/6	39/-
M 503—Ditto ...	34/6	51/-
M 504—Ditto ...	31/9	55/-

Bases of polished Brass Standards below centre collar, are in Iron.

All Globes for Gas-fittings are extra.

Illustrations and Prices are to a scale of $\frac{3}{4}$ in. =1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements.

PRICES.

	Decorated Iron & Brass.	Polished Brass.
M 520—Bracket, 9 in. projection	3/3	6/6
M 521—Ditto 12 in. ,,	4/-	9/3
M 522—Ditto 10 in. ,,	4/3	10/-
M 523—Ditto 10 in. ,,	5/6	13/9
M 524—Ditto 14 in. ,,	4/3	10/6
M 525—Ditto 14 in. ,,	5/9	15/6
M 526—Ditto 14 in. ,,	12/-	23/6
M 527—Ditto 7½ in. ,,	4/6	10/9
M 528—Ditto 6 in. ,,	8/3	15/3
M 529—Ditto 7 in. ,,	5/3	12/9
M 530—Ditto 13 in. ,,	7/9	15/6
M 531—Ditto 12 in. ,,	7/6	16/-
M 532—Ditto 13 in. ,,	11/6	24/-
M 533—Ditto 12 in. ,,	13/6	33/-
M 534—Ditto 14 in. ,,	14/-	34/6
M 535—Bracket, to turn, 15 in. projection ...	18/-	28/-
M 536—Ditto ditto 10 in. projection ...	20/-	38/-
M 537—Ditto, 14 in. projection	12/-	28/-
M 538—Ditto, 15 in. ,, ...	27/-	

	Dead Black and Copper.	Polished Brass and Copper.
M 539—Bracket, 16 in. projection	54/-	124/-
M 540—Ditto, 9 in. ,, ...	7/3	
M 541—Ditto, 12 in. ,, ...	13/-	
,, Ditto, lighter make...	11/-	
M 542—Ditto, 12 in. projection	16/-	28/9
M 543—Ditto, 16 in. ,, ...	23/-	
,, Ditto, lighter make...	18/6	
M 544—Ditto, 13 in. projection	20/-	
,, Ditto, lighter make...	16/-	
M 545—Ditto, 12 in. projection	19/-	27/-

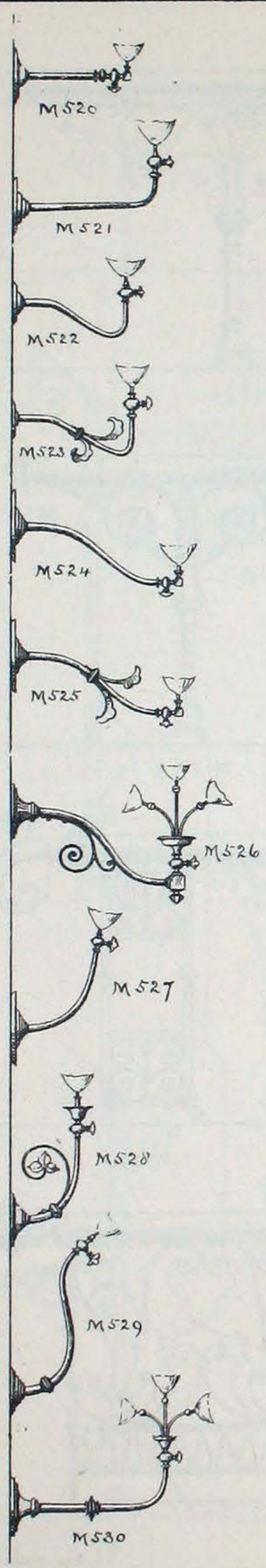
	Decorated Iron & Brass.
M 546—Ditto, 13 in. projection	32/-
M 547—Ditto, 13 in. ,, ...	39/-

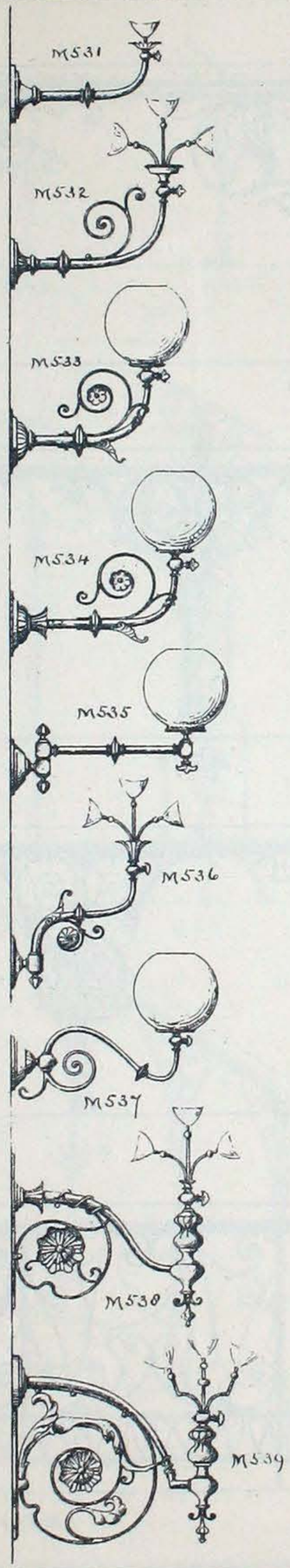
	Dead Black and Copper.	Polished Brass and Copper.
M 548—Bracket, 12 in. projection, 9 Light ...	22/-	34/6
,, Ditto, lighter make...	20/-	
M 549—Ditto, 13 in. projection	22/6	
,, Ditto, lighter make...	18/-	
M 550—Ditto, 12 in projection	26/-	
,, Ditto, lighter make...	21/-	
M 551—Ditto, 12 in. projection	25/-	
,, Ditto, lighter make...	21/-	
M 552—Ditto, 15 in. projection	40/-	
,, Ditto, lighter make...	33/6	
M 553—Bracket, 16 in. projection, 6 Light ...	35/-	76/6
M 554—Ditto, 24 in. projection	12/6	31/6
M 555—Ditto, 16 in. ,, ...	12/6	31/6

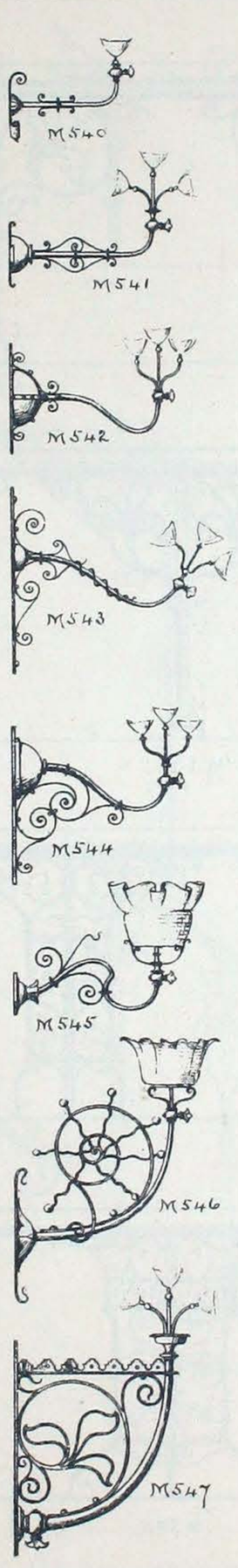
	Decorated Iron & Brass.	Polished Brass.
M 556—Ditto, 19 in. projection Malleable Scrolls ...	21/6	
,, Ditto, all wrought ...	38/6	
M 557—Ditto, 18 in. projection	23/6	45/6
M 558—Ditto, 21 in. ,, ...	28/-	
M 559—Ditto, 26 in. ,, ...	41/-	

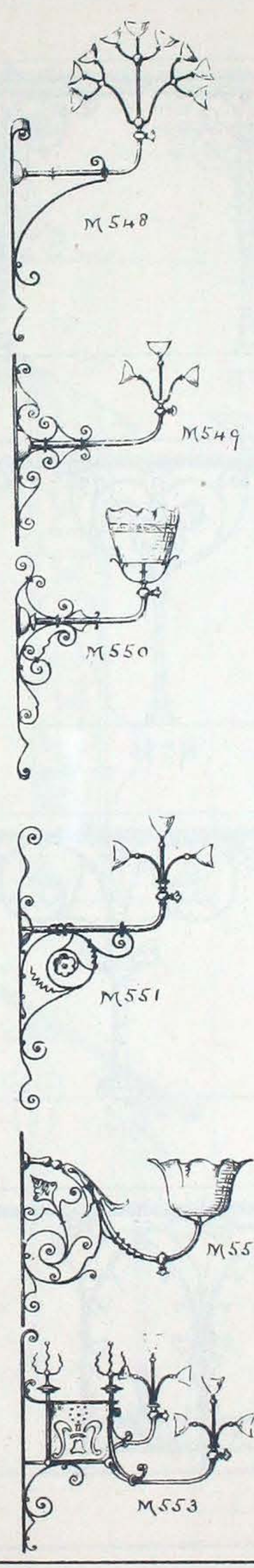
All Globes for Gas-fittings are extra.

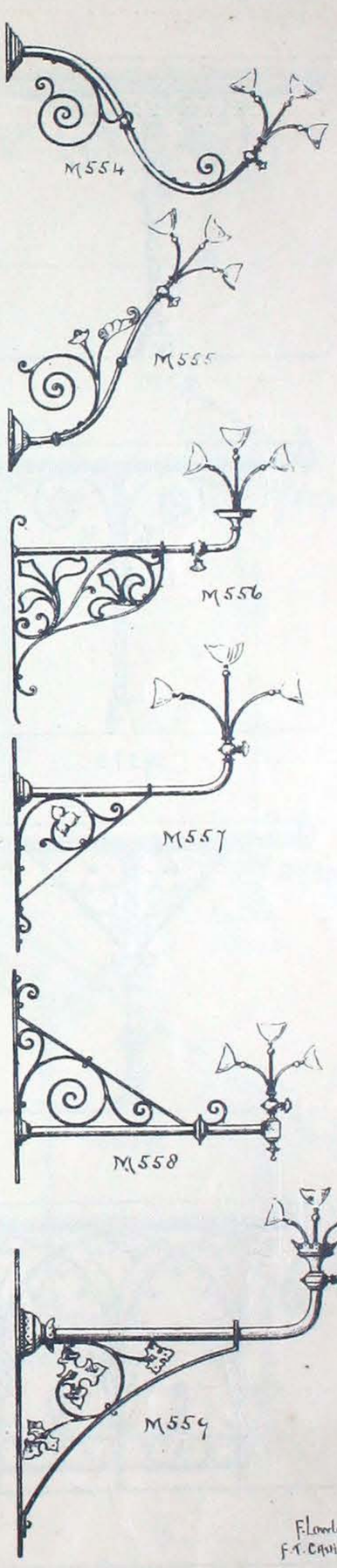
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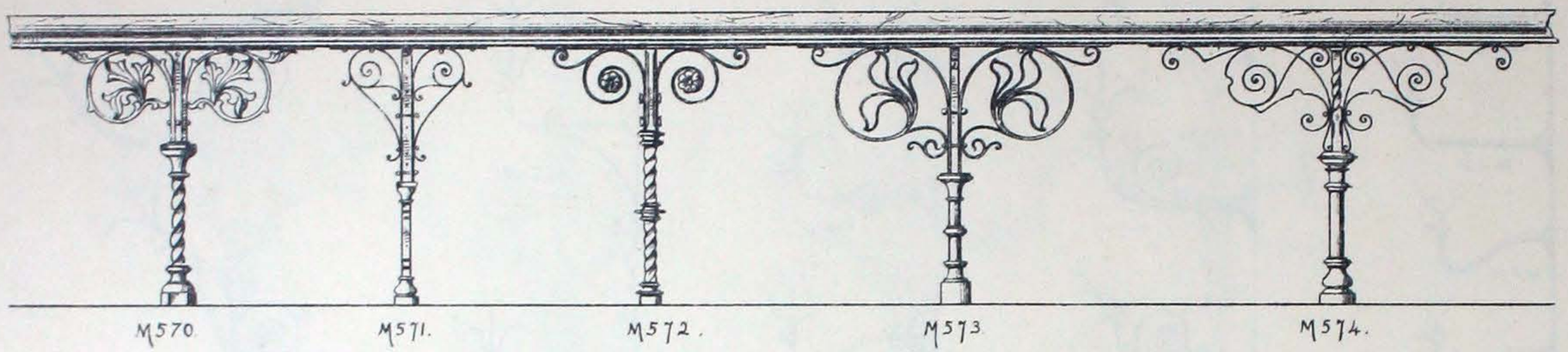




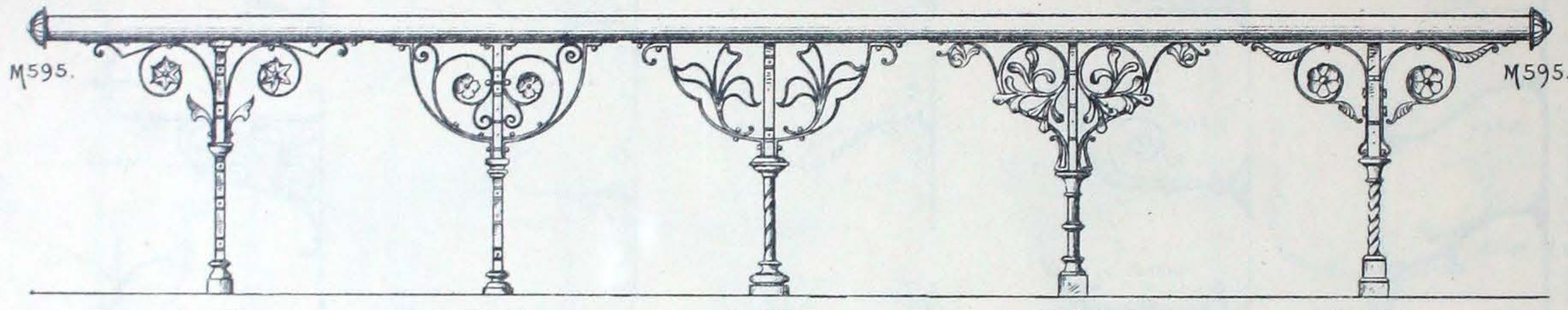


F. Lowle. Imp.
F. T. Cahi. Del

Altar Rail Standards and Rails.

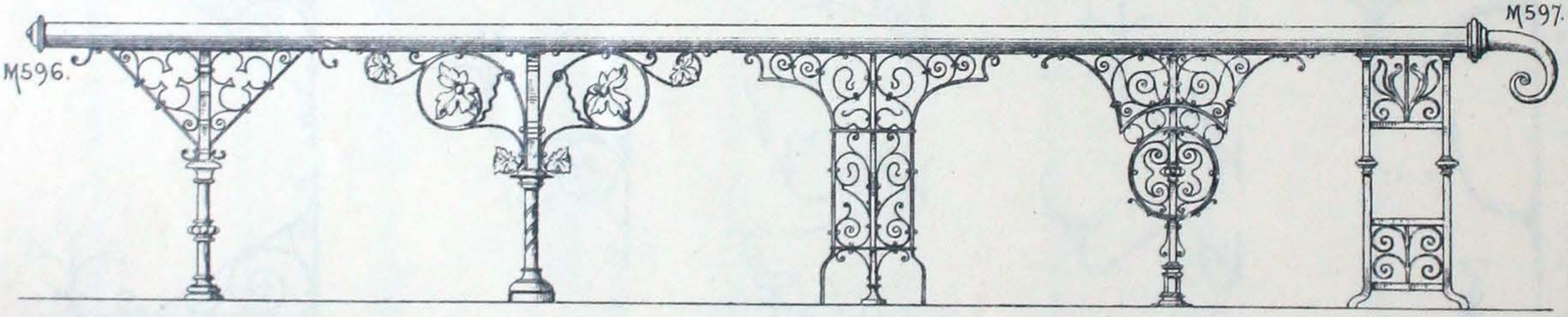


M570. M571. M572. M573. M574.



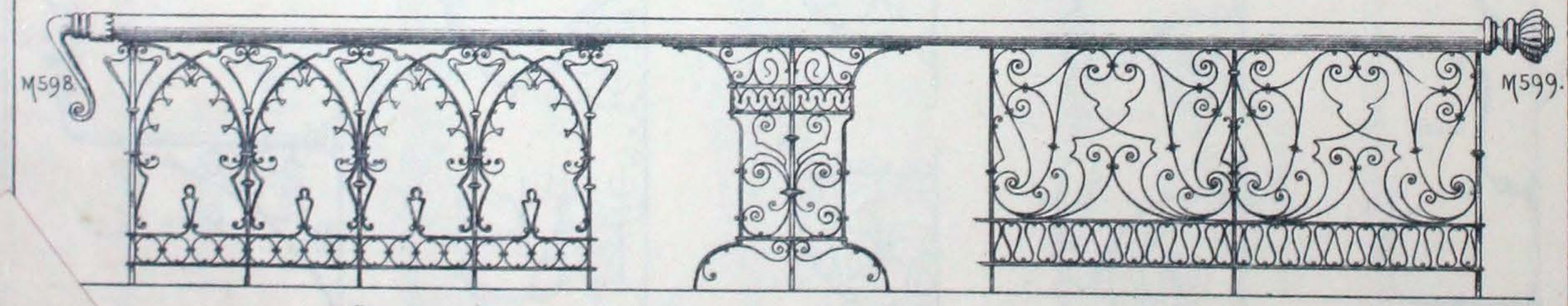
M595. M595.

M575 M576 M577. M578. M579.



M597. M596.

M580. M581. M582. M583. M584.



M598. M599.

M590. M585. M591.

F.T. Gen. del.

PRICES.

	Each.	Polished Brass. Each.
M 570—Cast Iron, primed ...	8/6	
M 571—Malleable Scrolls, do.	12/6	50/6
M 572— Ditto do.	12/6	56/6
M 573— Ditto do.	17/-	70/-
M 574—Wrot Scrolls do.	24/6	
M 575— Ditto do.	22/-	56/6
M 576— Ditto do.	24/6	
M 577—Wrot and Malleable Scrolls, primed ...	17/6	
M 578—Wrot Scrolls, primed	46/-	
M 579—Malleable Scrolls, do.	22/-	75/-
M 580—Wrot Scrolls, do.	32/-	84/6
M 581— Ditto do.	26/6	92/-
M 582—All Wrot do.	40/-	121/6
,, Dead Black & Copper	74/6	
M 583—All Wrot, primed ...	47/-	132/-
,, Dead Black & Copper	71/-	
M 584—Malleable Scrolls, primed	20/-	63/-
M 585—All Wrot, primed ...	51/6	154/6
,, Dead Black & Copper	91/-	
M 590—All Wrot, per foot run, primed	27/6	77/6
M 591—All Wrot, Brass Fret, primed	33/-	

	Half Polished	Full Polished
Oak Rail, 2½ in. dia., per foot run ...	1/4½	1/7
Oak Rail, 2½ in. dia., per foot run ...	1/6	1/8½
M 592—Oak Rail, 2¾ in. dia., Moulded, per foot run	2/6	2/9
Plain Ends. Carved Ends extra.		
Polished Brass Rail, 2 in. dia. per foot run		2/8
Polished Brass Rail, 2¼ in. dia. ...		3/4
Polished Brass Rail, 2⅜ in. dia. ..		3/9
Brass Ends for Rails, 2	2¼	2¾in.
M 595— ,, ,, each 7/-	8/-	9/-
M 596— ,, ,, ,, 3/10	4/2	4/6
M 597— ,, ,, ,, 16/-	16/6	17/-
M 598— ,, ,, ,, 17/-	18/-	19/-
M 599— ,, ,, ,, 5/2	9/-	10/9

Above prices include drilled core Rails at top, and ordinary Fixings for Stone or Wood Steps at bottom. Decorating Iron Standards 1/6 to 4/- each extra.

Fixing Standards to Brass Rails, 4/9 each Standard extra.

Illustrations and Prices are to a scale of ¾in.=1ft., but designs in Wrot Iron can be made to any dimensions.

PRICES.

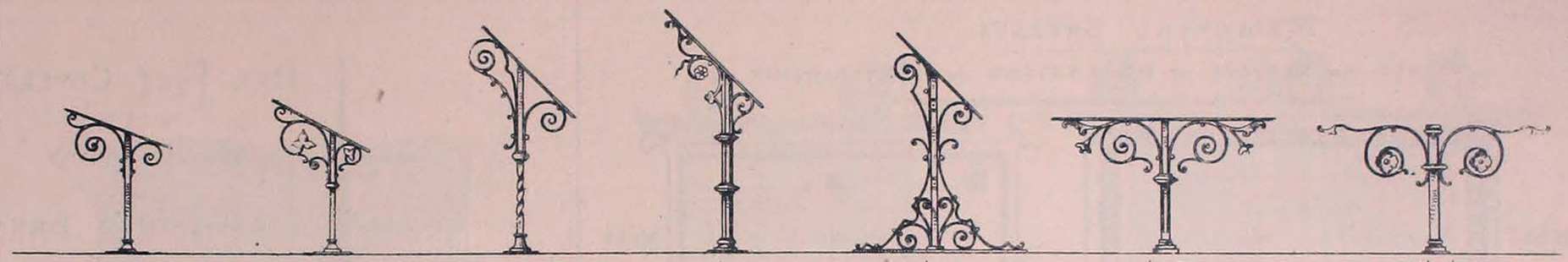
		Iron Primed.
M 600—Book Desk Standard	...	6/-
M 601—Ditto do.	...	12/-
M 602—Ditto do.	...	14/-
M 603—Ditto do.	...	16/-
M 604—Ditto do.	...	20/-
M 605—Ditto do.	...	8/-
M 606—Ditto do.	...	10/6
M 610—Choir Desk Standard	...	21/-
M 611—Ditto do.	...	45/-
M 612—Ditto do.	...	50/-
M 613—Ditto do.	...	35/-
M 614—Ditto do.	...	15/-

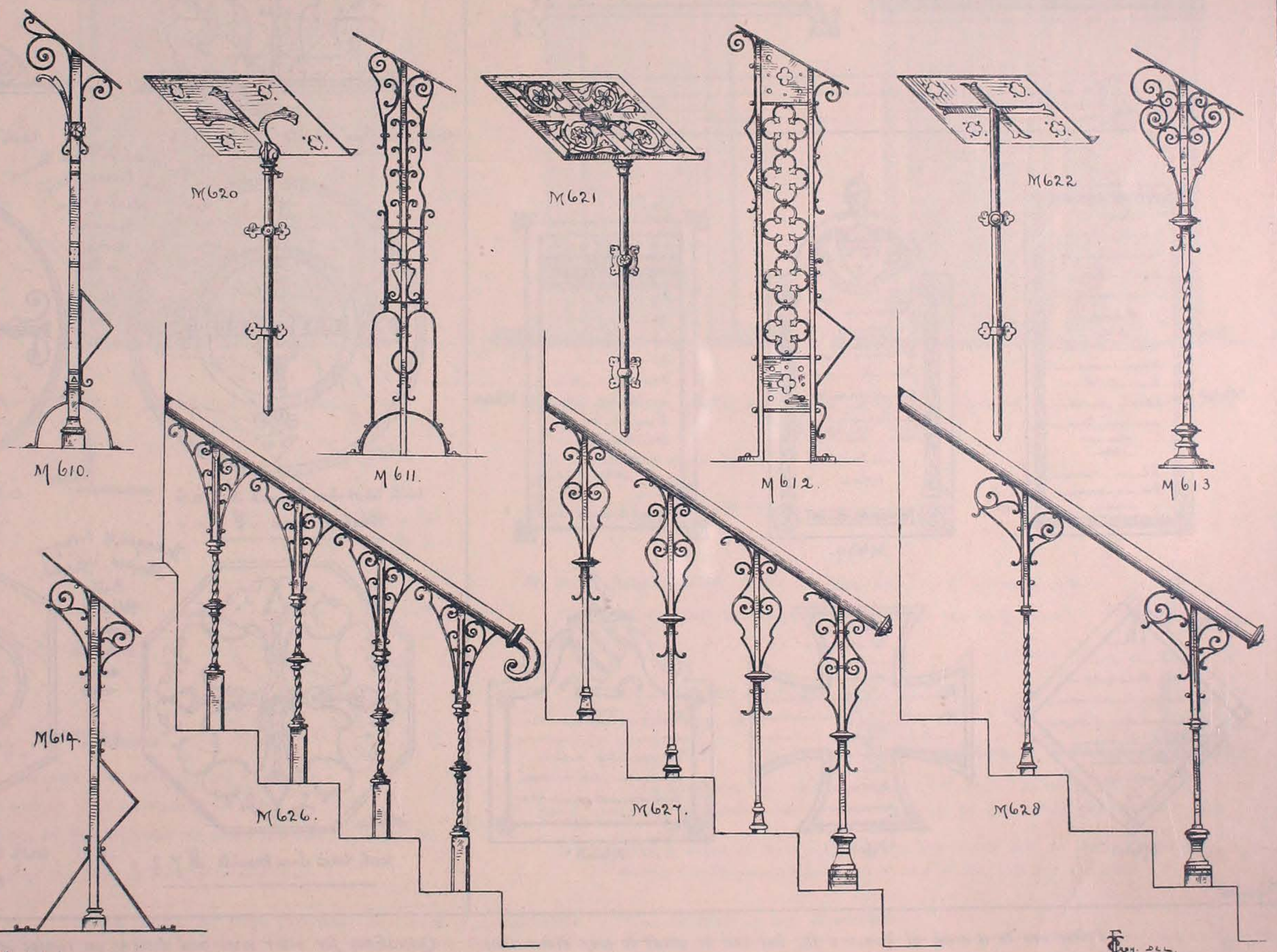
		Polished Brass.
M 620—Pulpit Desk, to adjust and to slide	...	70/-
M 621—Ditto do.	...	100/-
M 622—Ditto to slide	...	54/6
,, Ditto, Oak Book Board	...	34/-
M 626—Iron Pulpit Balustrade, with polished Brass Rail and End	...	130/-
M 627—Ditto ditto	...	118/-
M 628—Ditto ditto	...	70/-

Above prices include ordinary Fixings for Wood or Stone.

Painted and decorated in Colors, extra.

Illustrations and Prices are to a scale of ¾ in. = 1 ft., but can be made to any dimensions. Quotations for other sizes and designs on receipt of requirements.

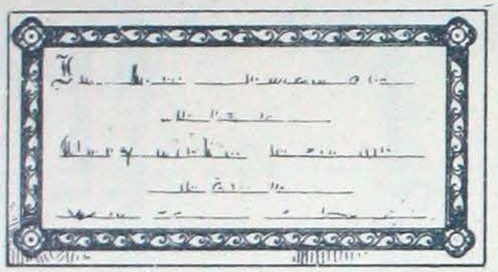




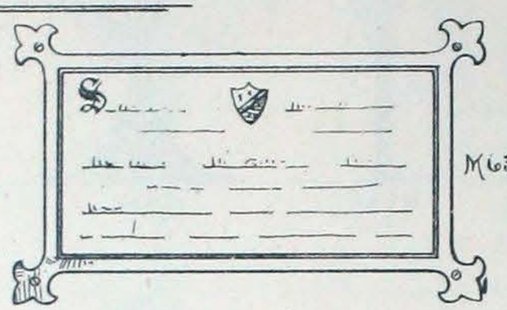
Memorial Brasses and Font Covers.

MEMORIAL BRASSES.

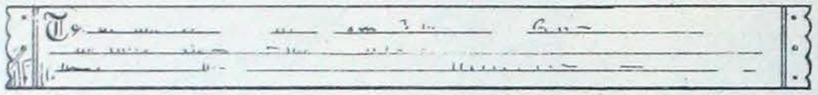
PRICES ON RECEIPT OF DIMENSIONS AND INSCRIPTION.



M635



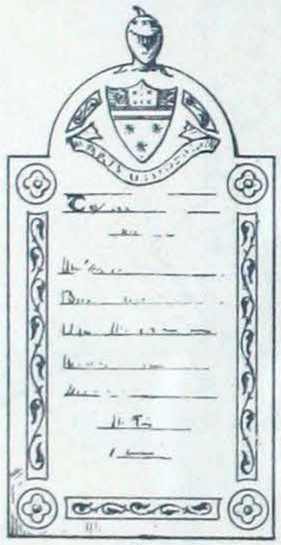
M636



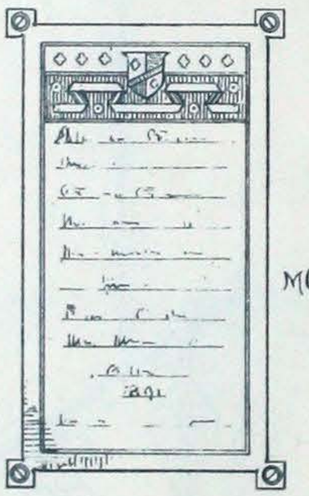
M637



M638



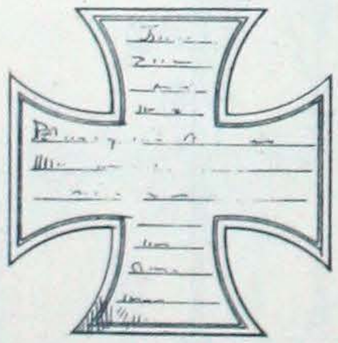
M639.



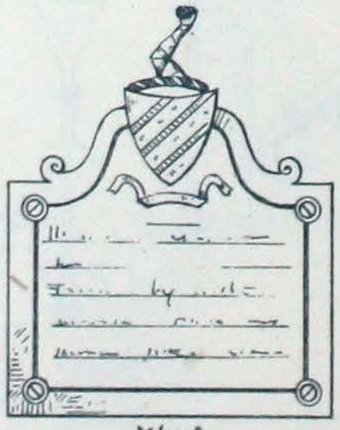
M640



M641

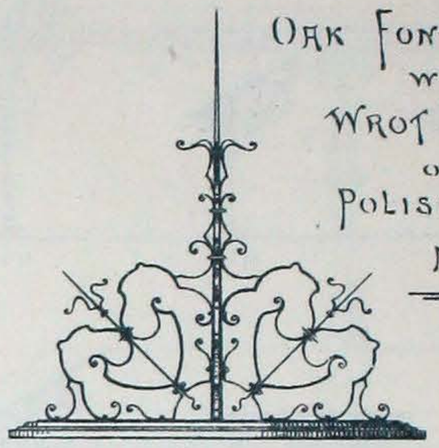


M642



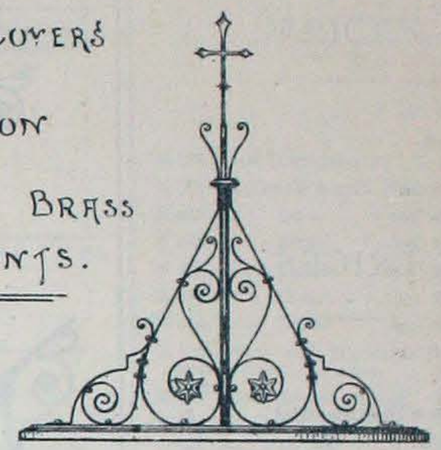
M643

OAK FONT COVERS WITH WROT IRON OR POLISHED BRASS MOUNTS.



M650

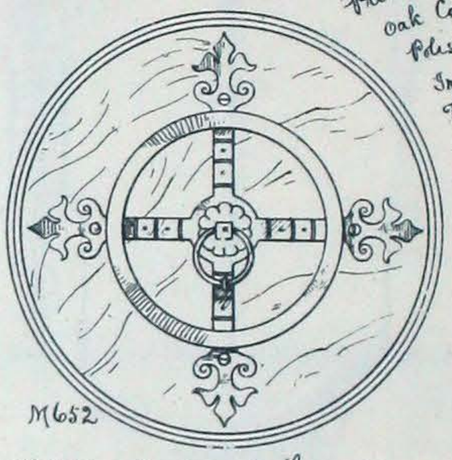
with Wrot Iron Mounts £7.4.6



M651.

with Wrot Iron Mounts £5.12.6.

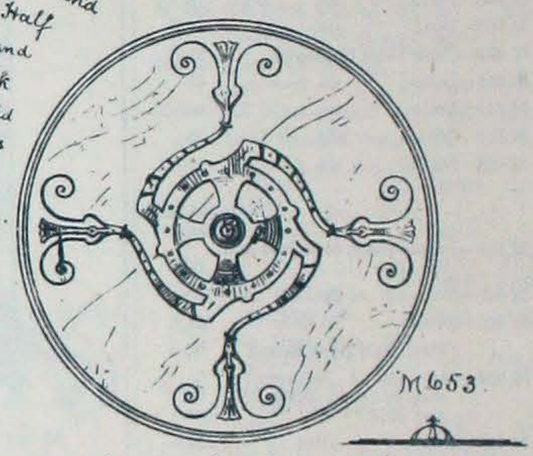
Prices are for Plain Round Oak Covers, Half Polished and Ironwork Decorated in Colors or Dead Black.



M652

with Wrot Iron Mounts £3.10.6

" Polished Brass " £5.0.0

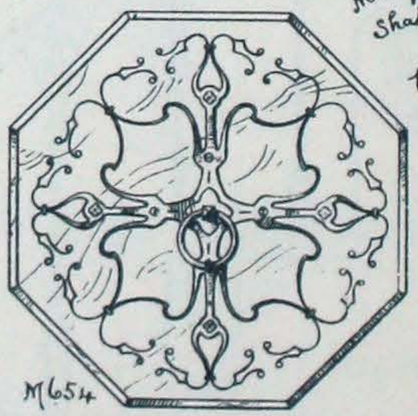


M653

with Wrot Iron Mounts £5.10.0

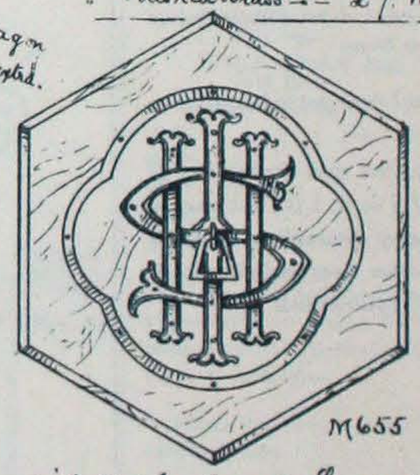
" Polished Brass " £7.10.0

Hexagon & Octagon Shapes 16/6 extra. Full Polished Covers 4/3 extra.



M654

with Wrot Iron Mounts £7.2.0

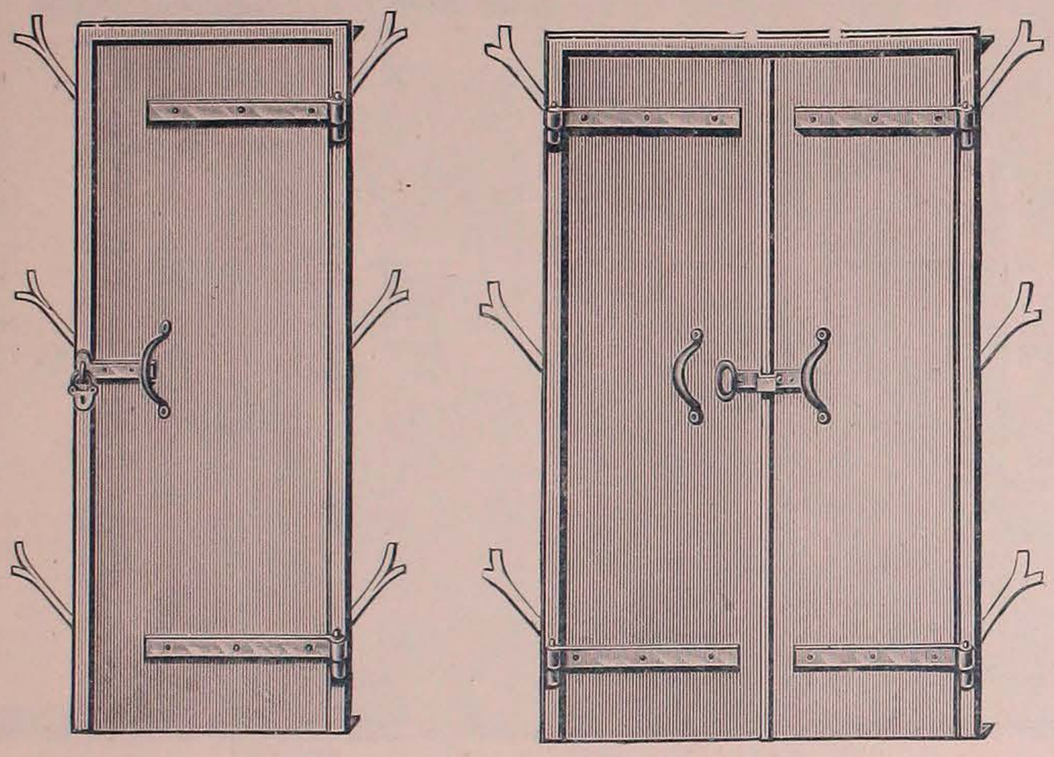


M655

with Wrot Iron Mounts £4.16.6.

" Polished Brass " £6.18.6.

Prices are to a scale of ¾-in. = 1 ft., but can be made to any dimensions. *Quotations for other sizes and designs on receipt of requirements.*



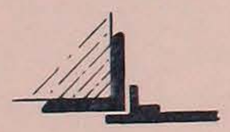
W 1.

Doors of ¼-in. plate closing on Angle Iron frame thus—



6 ft. 0 in. × 2 ft. 0 in., one leaf	£3 4 0
6 ft. 6 in. × 2 ft. 6 in. ,, ...	£3 11 3
6 ft. 6 in. × 3 ft. 6 in., two leaves	£6 0 0
6 ft. 6 in. × 4 ft. 0 in. ,, ...	£6 4 6
6 ft. 6 in. × 5 ft. 0 in. ,, ...	£6 15 6

If with **Angle Iron Rebates** on Door, thus—

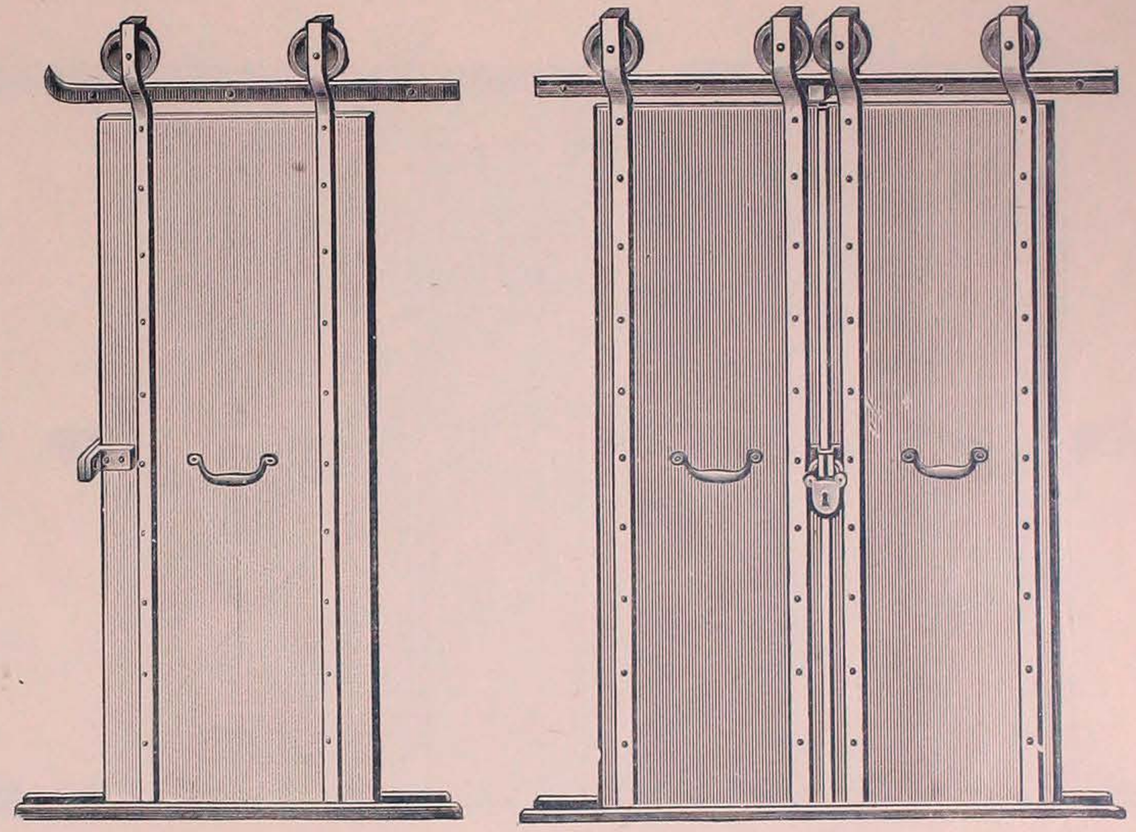


One leaf doors, 14/- each extra; two leaf doors, 26/- each extra.

Above prices include Hasp for Padlock or Bolt.

Unless otherwise ordered, these doors are sent with flat cill to let into floor, as shewn on W 3.

Two Leaf Doors have two bolts on the leaf closing first.

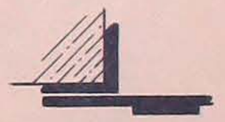


W 2.

Doors of ¼-in. plate including Top Bar, Channel Guide at Bottom, and Hasp for Padlock.

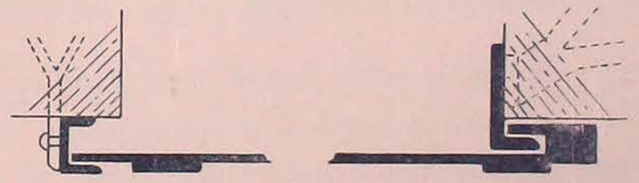
6 ft. 6 in. × 2 ft. 6 in., one leaf	£3 12 0
6 ft. 6 in. × 3 ft. 0 in. ,, ...	£4 0 6
6 ft. 6 in. × 4 ft. 0 in., two leaves	£6 8 6
7 ft. 0 in. × 5 ft. 0 in. ,, ...	£7 5 0

If with Angle Iron rame to Sides and Top of opening, thus—



One leaf doors, 20/- each extra; two leaf doors, 30/- each extra.

If with Interlocking Frames to Sides and Top, thus—



One leaf doors, 29/- each extra; two leaf doors, 42/- each extra.

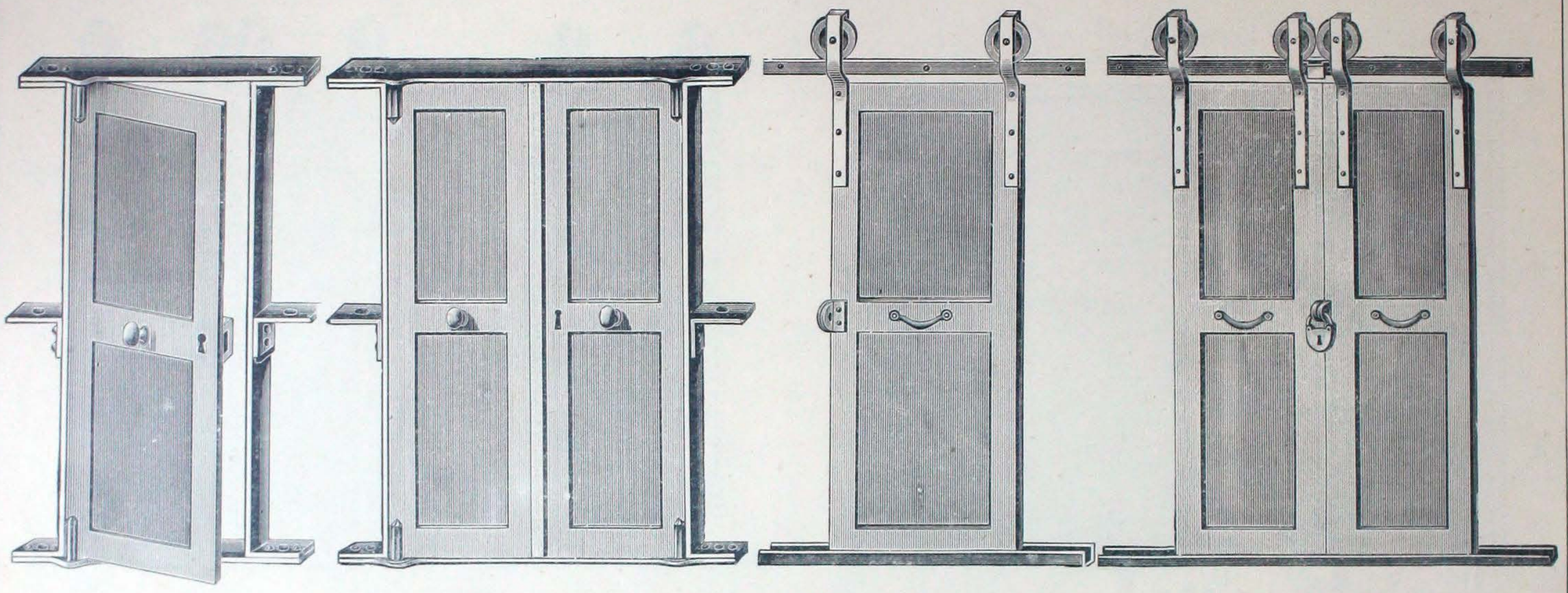
Above dimensions are sizes of doors. Openings should be 4 in. less in width and 2 in. less in height.

Box Handles to admit of doors being opened from either side, 2/- per handle extra.

Strong Tee Iron Straps on doors instead of flat, 16/6 per leaf extra.

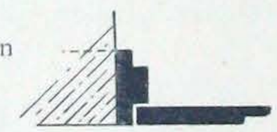
Special prices for large quantities on receipt of specifications. *Can be made to any dimensions.*

INSURANCE AND WAREHOUSE DOORS.



W 3.

Doors ¼-in. Plate with ¼-in. Panelling on one side in Rebated Frame, thus—



6 ft. 0 in. × 2 ft. 0 in., one leaf	...	..	£4 15 0
6 ft. 6 in. × 2 ft. 6 in. ,,	...	...	£5 5 6
7 ft. 0 in. × 3 ft. 0 in. ,,	...	...	£5 14 6
6 ft. 6 in. × 3 ft. 6 in., two leaves	..	...	£8 19 6
6 ft. 6 in. × 4 ft. 0 in. ,,	..	...	£9 4 0
6 ft. 6 in. × 5 ft. 0 in. ,,	...	...	£9 16 0
7 ft. 0 in. × 6 ft. 0 in. ,,	...	...	£11 5 6

If panelled on both sides, one leaf doors, 18/- each extra; two leaf doors, 30/6 each extra.

Extra if with Angle Iron Frame, thus—



One leaf doors, 9/- each extra; two leaf doors, 12/- each extra.

Above prices include Two Bolts to each leaf or strong ordinary Dead Lock.

Best 2-Lever Lock	...	..	3/- each extra
,, 4- ,, ,,	...	...	5/- ,,

If four panels to each leaf, 4/3 per leaf extra, if panelled one side.
Ditto ditto 8/6 ,, ,, ,, both sides.

Two Leaf Doors have two bolts on the leaf closing first.

W 4.

Doors of ¼-in. Plate with ¼-in. Panelling on one side, including Top Bar, Channel Guide at bottom, and Hasp for Padlock.

6 ft. 6 in. × 2 ft. 6 in., one leaf	...	...	£4 1 3
7 ft. 0 in. × 3 ft. 0 in. ,,	...	...	£4 13 6
6 ft. 6 in. × 4 ft. 0 in., two leaves	..	...	£7 4 6
7 ft. 0 in. × 5 ft. 0 in. ,,	...	...	£8 4 0
7 ft. 0 in. × 6 ft. 0 in. ,,	...	...	£9 1 3

Extra if Panelled on both sides—

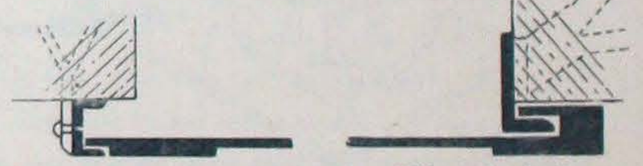
One leaf doors, 18/- each extra; two leaf doors, 30/6 each extra.

If with Angle Iron Frame for Sides and Top of opening, thus—



One leaf doors, 20/- each extra; two leaf doors, 29/6 each extra.

If with Interlocking Frame to Sides and Top, thus—

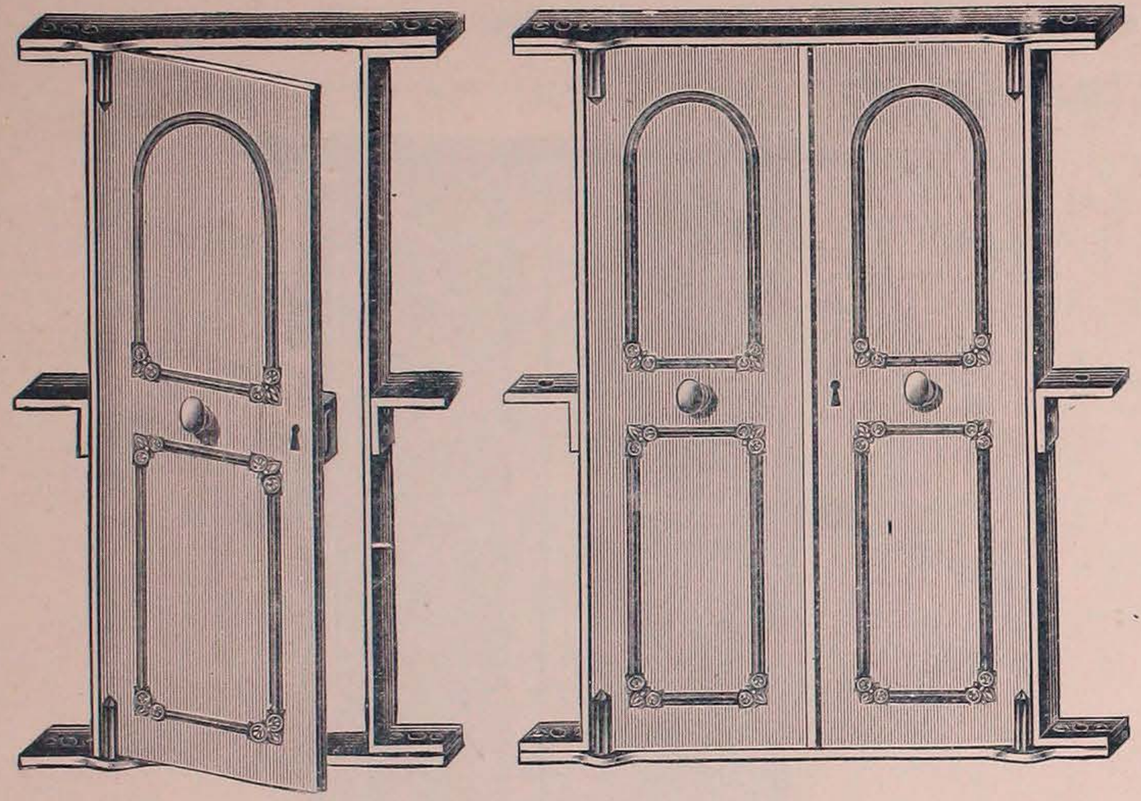


One leaf doors ... 29/- each extra
Two ,, ... 43/- ,,

Above dimensions are sizes of doors. Openings should be 4 in. less in width, and 2 in. less in height.

Box Handles to admit of doors being opened on either side, 2/- per handle extra.

Special prices for large quantities on receipt of specifications. Can be made to any dimensions.



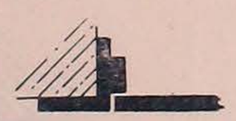
W 5.

Doors of ½-in. plate, with moulding on surface (one side), in rebated frame, thus—



6 ft. 0 in. × 2 ft. 0 in., one leaf	...	...	...	...	...	£6 3 8
6 ft. 6 in. × 2 ft. 6 in. ,,	...	...	..	..	...	£6 17 8
7 ft. 0 in. × 3 ft. 0 in. ,,	...	...	..	..	...	£7 19 9
6 ft. 6 in. × 4 ft. 0 in., two leaves	...	...	..	...	...	£11 17 0
6 ft. 6 in. × 5 ft. 0 in. ,,	...	...	..	...	...	£12 18 0
7 ft. 0 in. × 6 ft. 0 in. ,,	...	...	..	...	...	£14 18 0

If with Angle Iron Frames, thus—

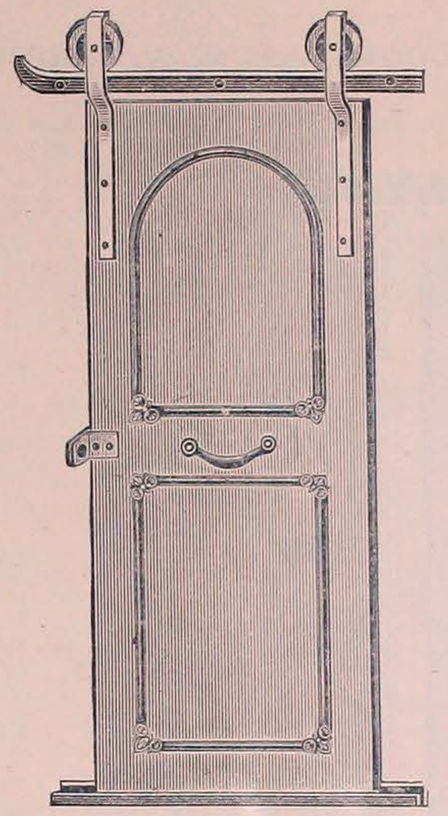


One leaf doors, 14/6 each extra; two leaf doors, 24/- each extra.

Above prices include strong ordinary Dead Lock.

Extra for best two-lever Dead Lock	...	..	...	...	3/- each.
,, ,, four-lever ,,	...	...	...	...	5/- ,,

Two Leaf Doors have two bolts on the leaf closing first.



W 6.

Doors of ½-in. plate, with moulding on surface (one side), including Top Bar, Channel Guide at Bottom and Hasp for Padlock.

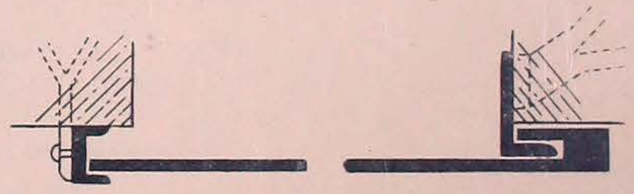
6 ft. 6 in. × 2 ft. 6 in., one leaf	...	...	...	...	...	£5 17 6
7 ft. 0 in. × 3 ft. 0 in. ,,	...	...	..	..	...	£6 15 6
6 ft. 6 in. × 4 ft. 0 in., two leaves	...	...	...	...		£10 8 0
7 ft. 0 in. × 5 ft. 0 in. ,,	..	...	...	...	...	£12 3 0
7 ft. 0 in. × 6 ft. 0 in. ,,	...	...	...	...	...	£13 11 0

If with Angle Iron Frames for Sides and Top of opening, thus—



One leaf doors, 27/6 each extra; two leaf doors, 35/- each extra.

If with Interlocking Frames at Sides and Top, thus—



One leaf doors, 31/6 each extra; two leaf doors, 49/- each extra.

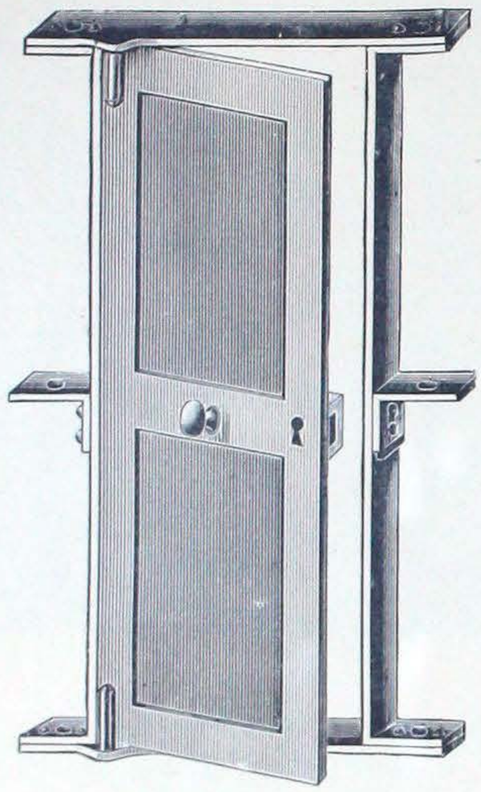
Above dimensions are sizes of doors. Openings should be 4 in. less in width, and 2 in. less in height.

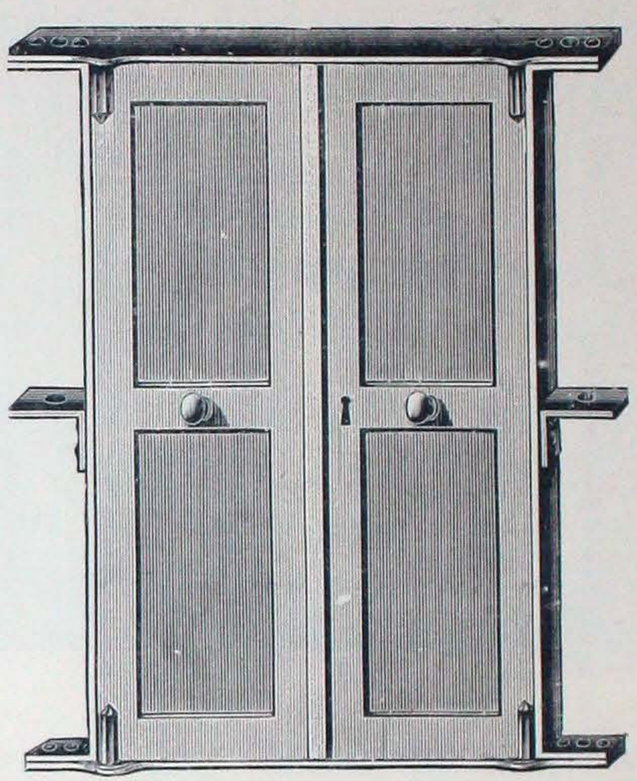
Box Handles to admit of doors being opened on either side, 2/- per handle extra.

Special prices for large quantities on receipt of specifications. Can be made to any dimensions.

IRON DOORS AS NOW REQUIRED BY FIRE INSURANCE OFFICES.

The Doors specified on this page are the only form of Iron Doors that comply with the requirements of the FIRE OFFICES COMMITTEE.





W 12.

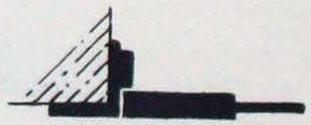
Doors of $\frac{1}{4}$-inch Plate, with $\frac{1}{4}$-inch Panelling on each side.

Hung in Rebated Frame, thus—



6 ft. 0 in. × 2 ft. 0 in., one leaf	...	..	...	...	each	£5	13	0	6 ft. 6 in. × 3 ft. 6 in., two leaves	...	...	...	..	each	£10	10	0
6 ft. 6 in. × ft. 6 in. ,,	...	...	...	...	,,	£6	3	6	6 ft. 6 in. × 4 ft. 0 in. ,,	..	...	...	...	,,	£10	14	6
7 ft. 0 in. × ft. 0 in. ,,	...	...	...	...	,,	£6	12	6	6 ft. 6 in. × 5 ft. 0 in. ,,	..	...	...	...	,,	£11	6	6
									7 ft. 0 in. × 5 ft. 0 in. ,,	...	..	...	...	,,	£12	6	0

Extra if with Angle Iron Frame, thus—



One leaf doors, 9/- each extra; two leaf doors, 12/- each extra.

Above prices include Two Bolts to each Leaf, as required by Fire Insurance Offices.

If locks required in addition to Bolts they are charged extra, viz.:— Strong Ordinary, 6/-; Two-Lever, 8/-; Four-Lever, 10/-.

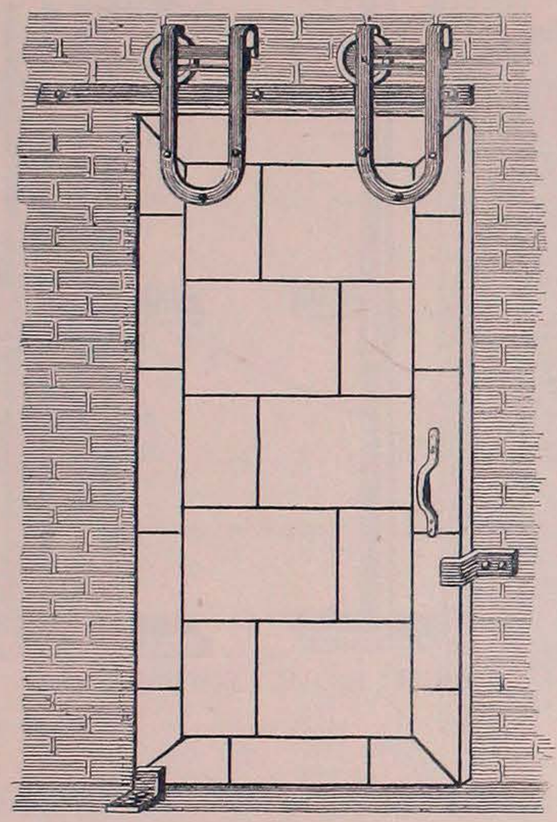
They can be made to other sizes, but— ONE LEAF DOORS must not exceed 7 f. high × 3 ft. 6 in. wide.
TWO LEAF DOORS ,, ,, 7 ft. high × 5 ft. 0 in. wide.

All SLIDING DOORS to conform with the Fire Offices Committee's requirements, must be METAL-COVERED DOORS, as particulars on next page.

Special prices for large quantities on receipt of specifications.

METAL-COVERED FIREPROOF DOORS AS NOW SANCTIONED BY FIRE INSURANCE OFFICES.

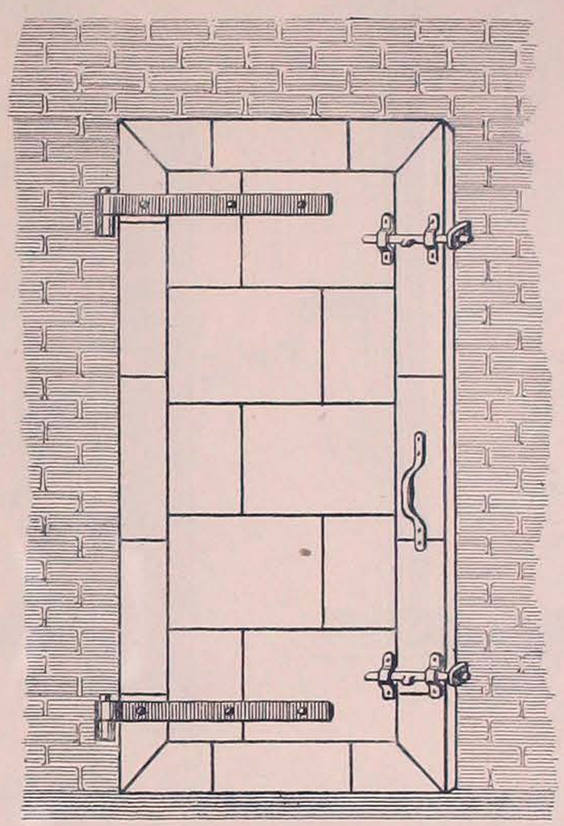
This is the only kind of Sliding Door which complies with the requirements of the FIRE OFFICES COMMITTEE.



A 20.

Sliding Door with top hangings, runner bar, fixing bolts, handle, stop, and guide, complete.

								£
For opening	6 ft.	×	2 ft.	one leaf	...	...	...	...
,,	6 ft. 6 in.	×	2 ft. 6 in.	,,	...	...	...	...
,,	7 ft.	×	3 ft.	,,	...	...	...	...
,,	7 ft.	×	4 ft.	,,	...	...	...	...
,,	7 ft. 6 in.	×	3 ft. 6 in.	,,	...	...	...	...
,,	8 ft.	×	4 ft.	,,	...	...	...	...
,,	9 ft.	×	5 ft.	,,	...	...	...	...
,,	6 ft. 6 in.	×	4 ft.	two leaves	...	...	...	...
,,	6 ft. 6 in.	×	5 ft.	,,	...	...	...	...
,,	7 ft.	×	5 ft.	,,	...	...	...	...
,,	7 ft. 6 in.	×	6 ft.	,,	...	...	...	...



A 21.

Side-hung Door, with wrought iron hinges and hooks to lead in walls, bow handles, two bolts and staples, complete.

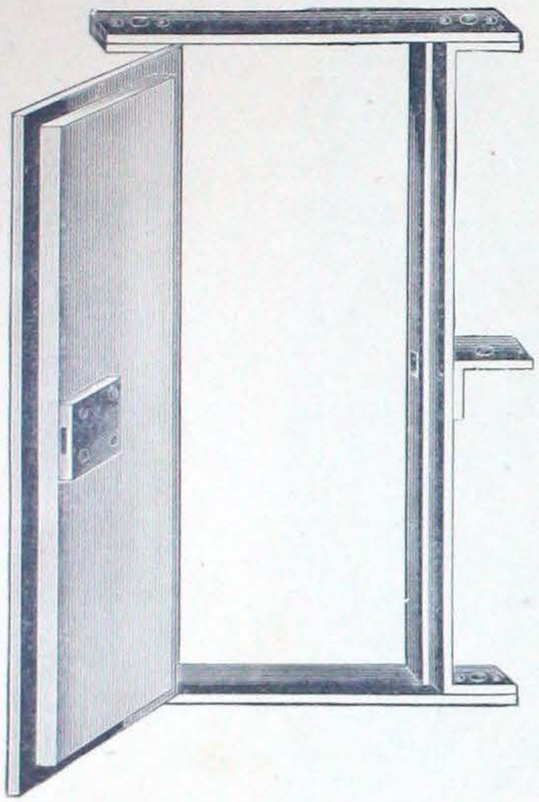
								£
For opening	6 ft.	×	2 ft.	one leaf	...	...	...	...
,,	6 ft 6 in	×	2 ft. 6 in.	,,	...	...	...	...
,,	7 ft.	×	3 ft.	,,	...	...	...	...
,,	7 ft. 6 in.	×	3 ft. 6 in.	,,	...	...	...	...
,,	8 ft.	×	4 ft.	,,	...	...	...	...
,,	6 ft. 6 in.	×	4 ft.	two leaves	...	...	...	...
,,	6 ft. 6 in.	×	5 ft.	,,	...	...	...	...
	7 ft.	×	5 ft.	,,	...	...	...	...
,,	7 ft. 6 in	×	6 ft.	,,	...	...	...	...

Locks, or Flush Handles (to open sliding doors either side) extra if required.

NOTE.—Above are sizes of openings, doors overlapping three inches at top and at each side.

If bull-nose bricks are used on quoins, a further allowance must be made.

Prices of above on application, also for other sizes suitable for openings not exceeding 9 *ft. high or* 45 *ft. super., which are the maximum limits allowed by Fire Offices Committee.*



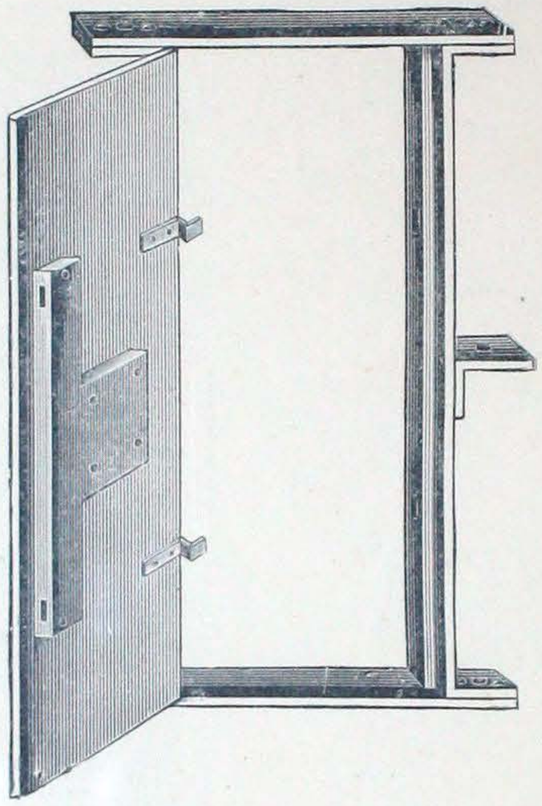
W 7.

FIREPROOF DOOR.

Secured by best Lever Dead Lock. The door is of ¼-inch plate, with styles and rails ¼-inch thick, and has Fireproof Chamber attached.

6ft. oin. × 2ft. oin.	...	£9 16 0
6ft. 6in. × 2ft. 6in.	...	10 14 0
7ft. oin. × 3ft. oin.	...	11 10 6

The Lock is fixed inside the chamber instead of outside, as illustration.

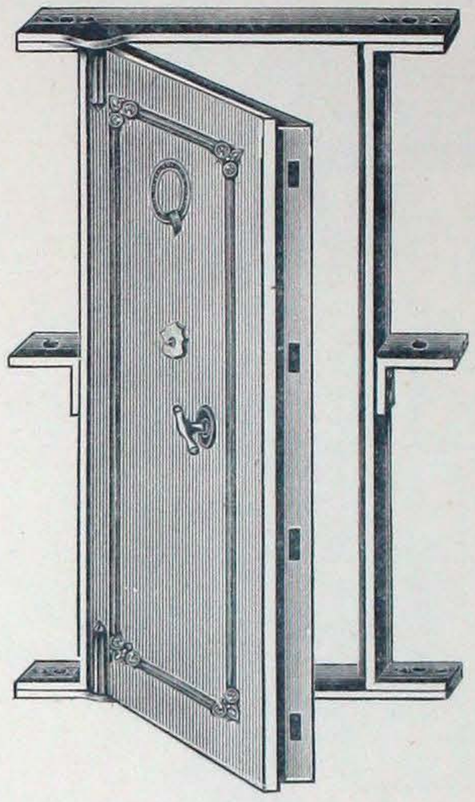


W 8.

STRONG ROOM DOOR.

With Iron Handle throwing Two Bolts, secured by two-keyed powder-proof safe lock, protected by drill-proof plate. Front moulded as W 5.

ft. in.	ft. in.	Thickness of Plate. ½ in.	⅝ in.
6 0	× 2 0	.. £9 18 0	£10 18 0
6 0	× 2 6	... 10 13 6	11 16 0
6 0	× 3 0	... 11 6 0	12 10 6



W 9.

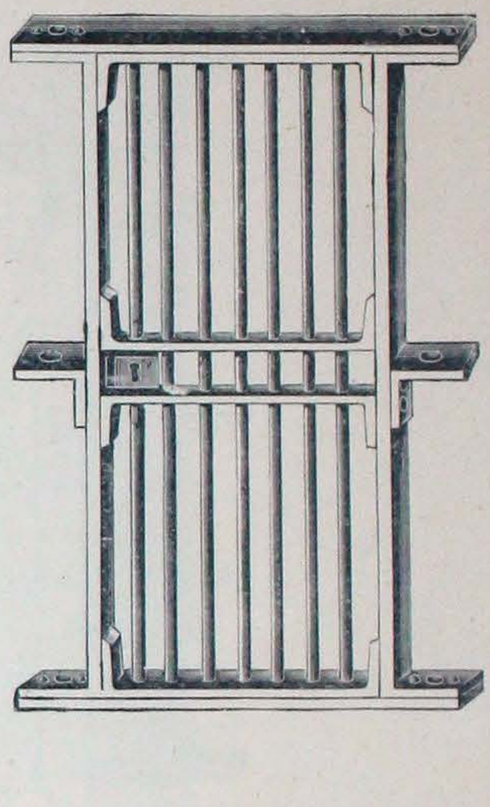
STRONG ROOM DOOR.

Made with or without Fire-proof Chambers.

With Brass Handle throwing Four Bolts, secured by two-keyed powder-proof lock, protected by drill-proof plate; four fixed back bolts or dogs on hinge side.

ft. in.	ft. in.	With Lock Casing full size of door, but without Fire-proof Chamber. Thickness of Outer Plate, ½ inch.	If with Fire-proof Chamber in addition to Lock Chamber.
6 0	× 2 0	...£14 8 0	£17 3 0
6 0	× 2 6	... 15 4 0	17 19 9
6 0	× 3 0	... 15 19 6	18 18 0

If Outer Plate ⅝ inch thick, £1 5s. extra.



W 10.

VENTILATING GATE FOR STRONG ROOM.

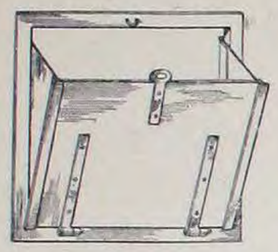
Fitted with best Lever Dead Lock.

ft. in.	ft. in.	
6 0	× 2 0	£7 8 0
6 0	× 2 6	7 15 6
6 0	× 3 0	8 5 0

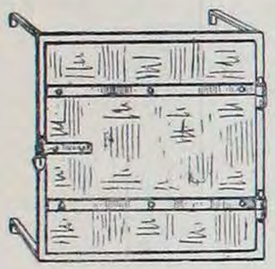
Above prices are for doors with frames thus— 

If with Strong Angle Iron Frames thus—  £1 10s. 0d. extra.

Special prices for large quantities on receipt of specifications. Can be made to any dimensions.



W 13.
WROUGHT IRON COAL HOPPER, with Wings.

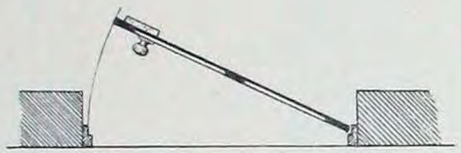


W 14.
WROUGHT ASHPIT DOOR.

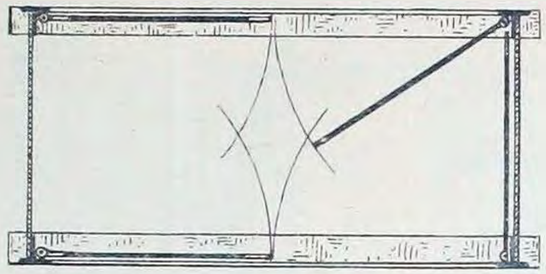
PLANS SHOWING HANDS OF DOORS.



A.
Hung on Right, opening Out.



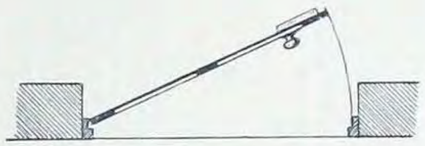
B.
Hung on Right, opening In



Set of Two Doors with two leaves each, folding in thickness of wall.

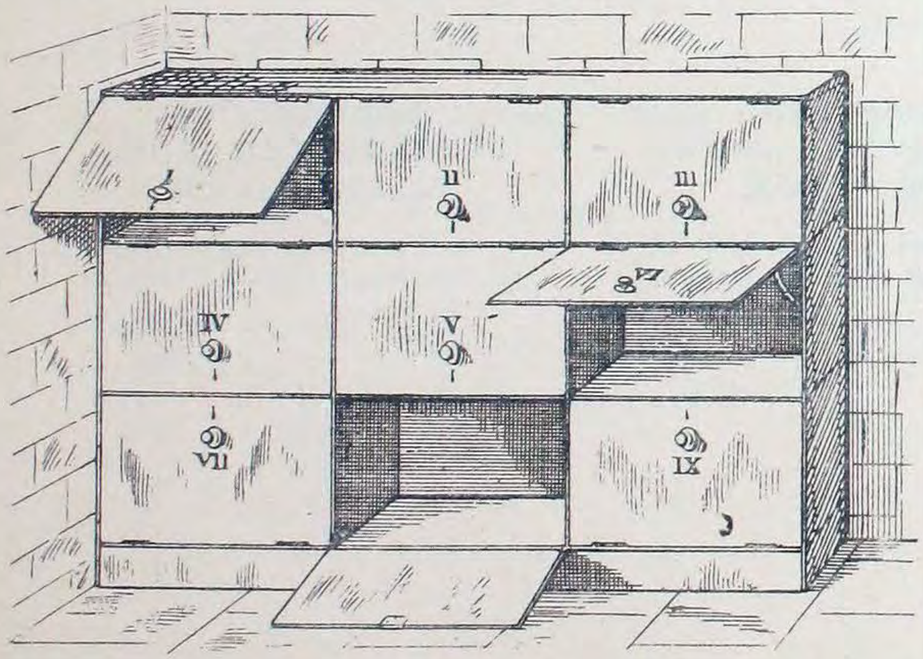


C.
Hung on Left, opening Out.



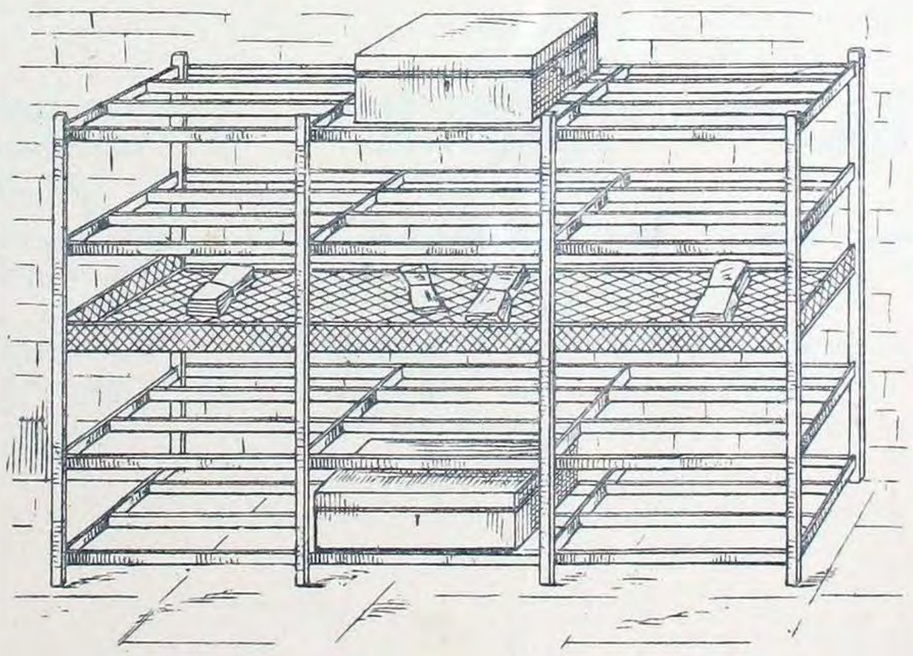
D.
Hung on Left, opening In.

SET OF NINE STRONG ROOM LOCKERS.

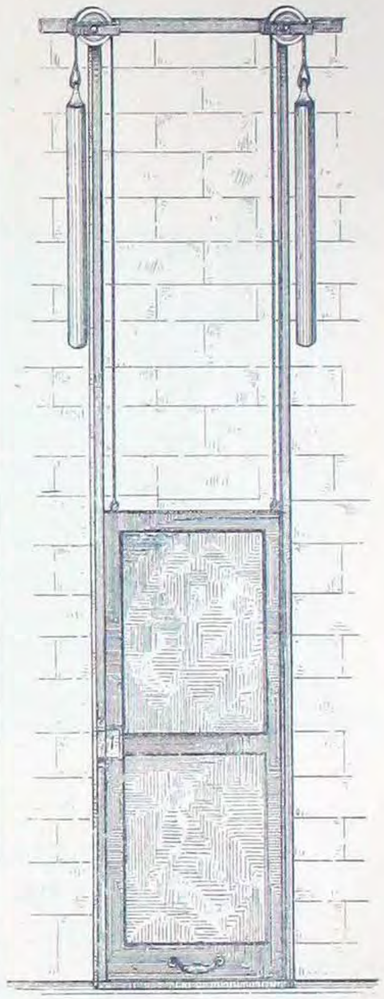


F 200.—Fitted with lever locks ... ...

SET OF OPEN SHELVES FOR STRONG ROOM.



F 201.—5 ft. 6 in. high × 18 in. deep ... 10/- to 13/- per foot run.

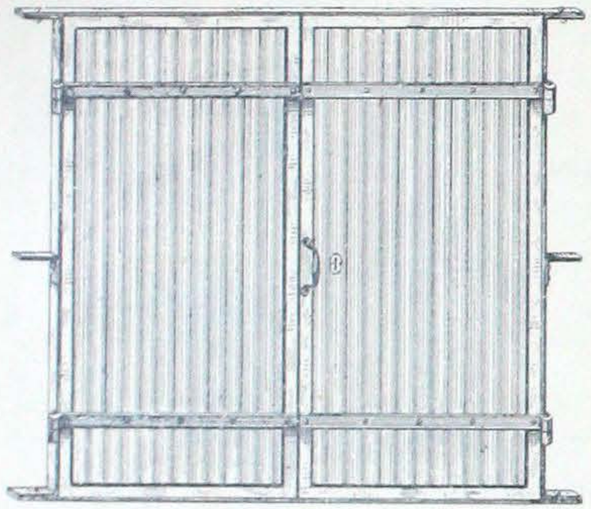


W 14.

WROUGHT IRON LIFTING SLIDING DOOR.

Made to any dimensions. Other prices on receipt of requirements.

CORRUGATED IRON DOORS.

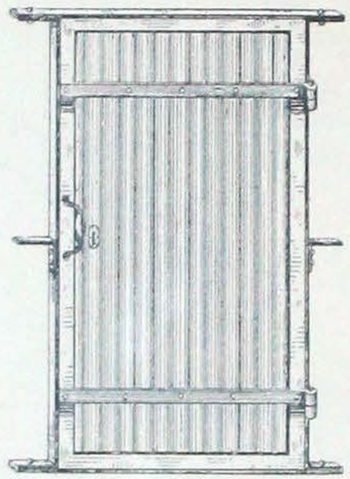


F 670.

GALVANIZED CORRUGATED IRON DOOR.

Angle Iron Frames in 2 Leaves, hung in Rebated Frame, with Lock, Bolts and Handle.

6 ft. 0 in. × 6 ft. 6 in. high ... £9 13 6
7 ft. 0 in. × 7 ft. 0 in. ,, ... £10 14 6



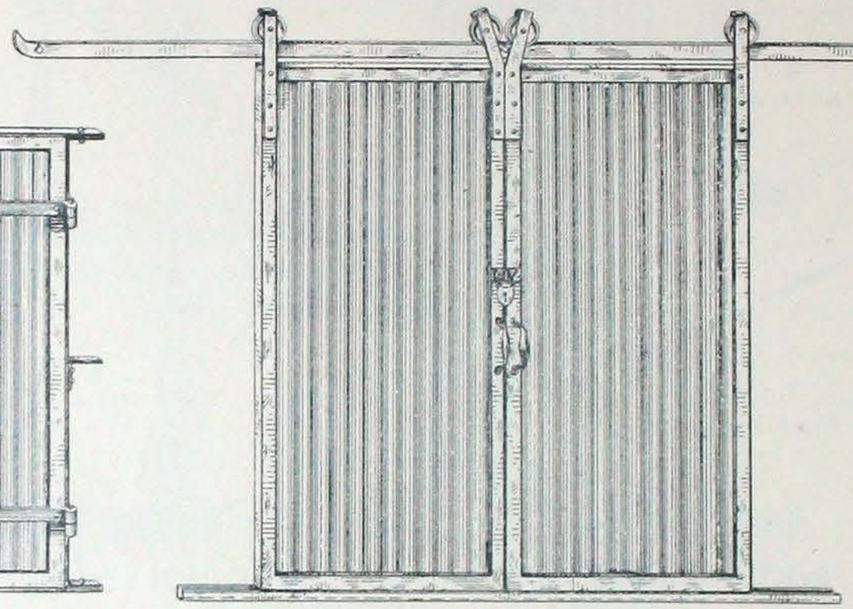
F 671.

GALVANIZED CORRUGATED IRON DOOR.

Angle Iron Frame, hung in Rebated Frame, with Lock and Handle.

3 ft. 6 in. × 6 ft. 6 in. high £5 16 6.

4 ft. 0 in. × 7 ft. 0 in high £6 8 0.

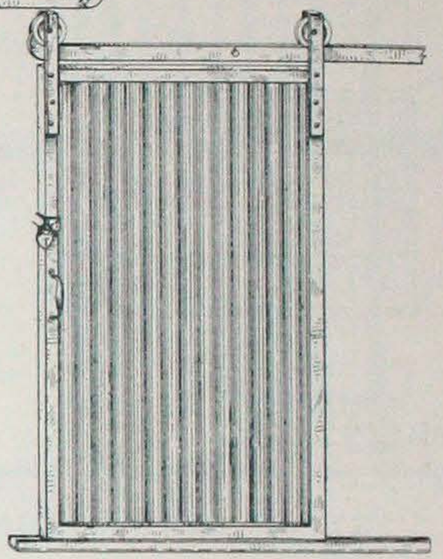


F 672.

GALVANIZED CORRUGATED IRON SLIDING DOOR.

Angle Iron Frames, 2 Leaves with Top Bar, and Bottom Guide, and Hasps for Padlock.

7 ft. 0 in. × 7 ft. 6 in. high .. £9 5 0
8 ft. 0 in. × 8 ft. 0 in. ,, ... £9 16 0



F 673.

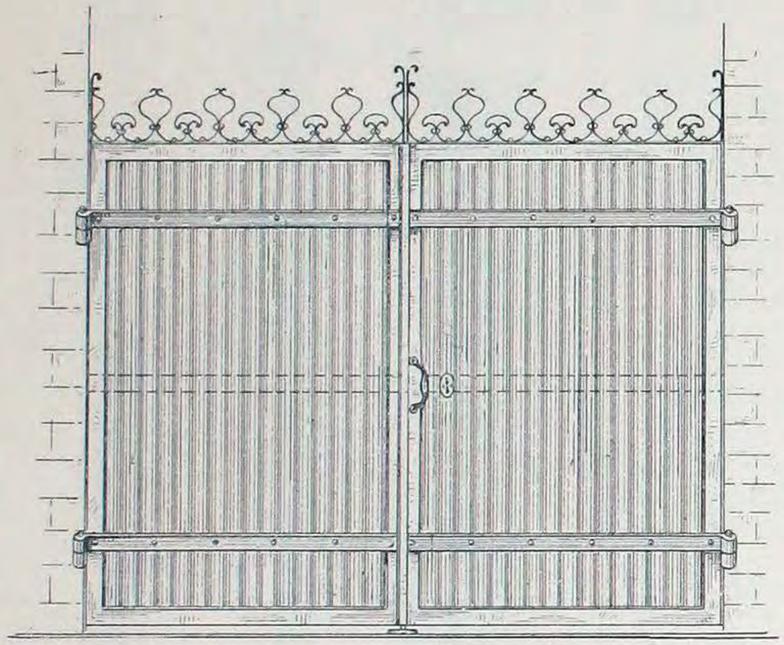
GALVANIZED CORRUGATED IRON SLIDING DOOR.

Angle Iron Frame with Top Bar and Bottom Guide and Hasps for Padlock.

4 ft. 0 in. × 7 ft. 0 in. high, £4 16 0

5 ft. 0 in. × 7 ft. 6 in. high, £5 16 6

Special prices for large quantities on receipt of specifications.

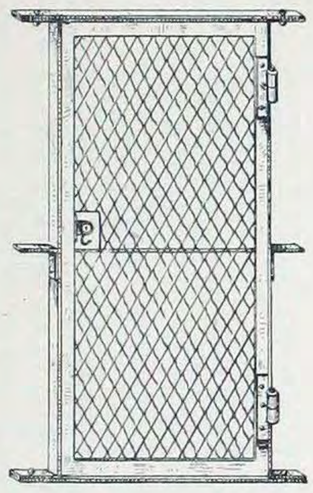


F 674.

GALVANIZED CORRUGATED IRON GATES.

In Angle Iron Frames with Lock, Bolt, Handle and Hangings for Stone or Wood.

9 ft. 0 in. × 7 ft. 9 in. to top £10 11 0
10 ft. 0 in. × 7 ft. 9 in. ,, ... £11 5 0

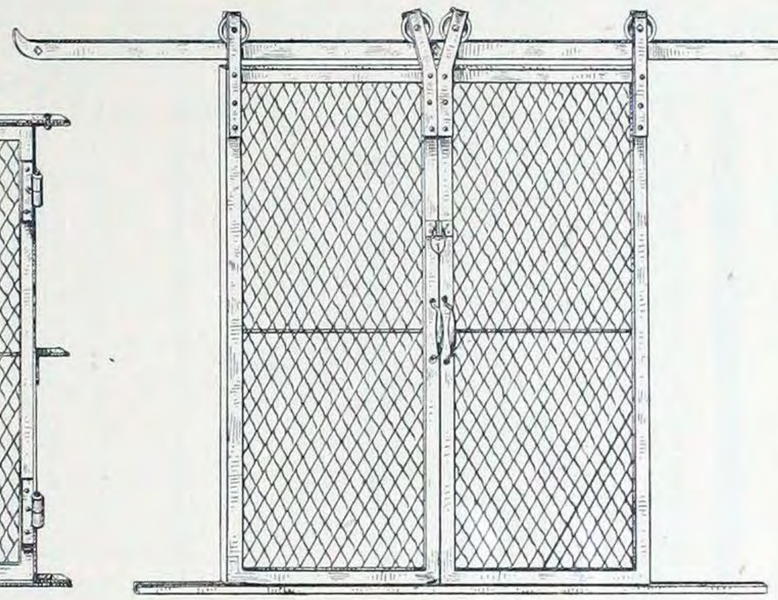


F 675.

VENTILATING DOOR.

Of Extended Metal, in Angle Iron Frame, hung in Rebated Frame.

2 ft. 6 in × 6 ft. 6 in. high, £4 16 0
3 ft. 0 in. × 6 ft. 6 in. high, £5 13 0

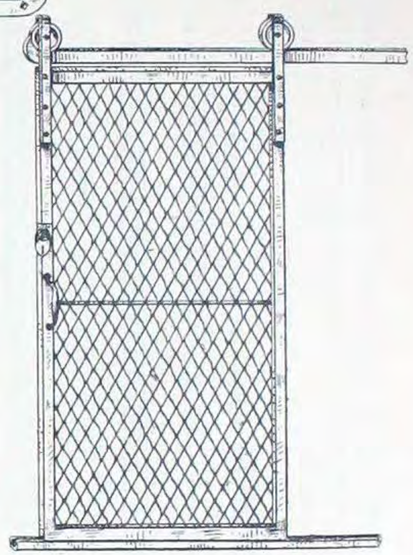


F 676.

VENTILATING SLIDING DOOR.

Of Extended Metal, Angle Iron Frames, 2 Leaves, with Top Bar and Bottom Guides, Handles and Hasps for Padlock.

6 ft. 0 in. × 7 ft. 0 in. high ... £8 10 0
7 ft. 0 in. × 7 ft. 6 in. ,, ... £9 2 6



F 677.

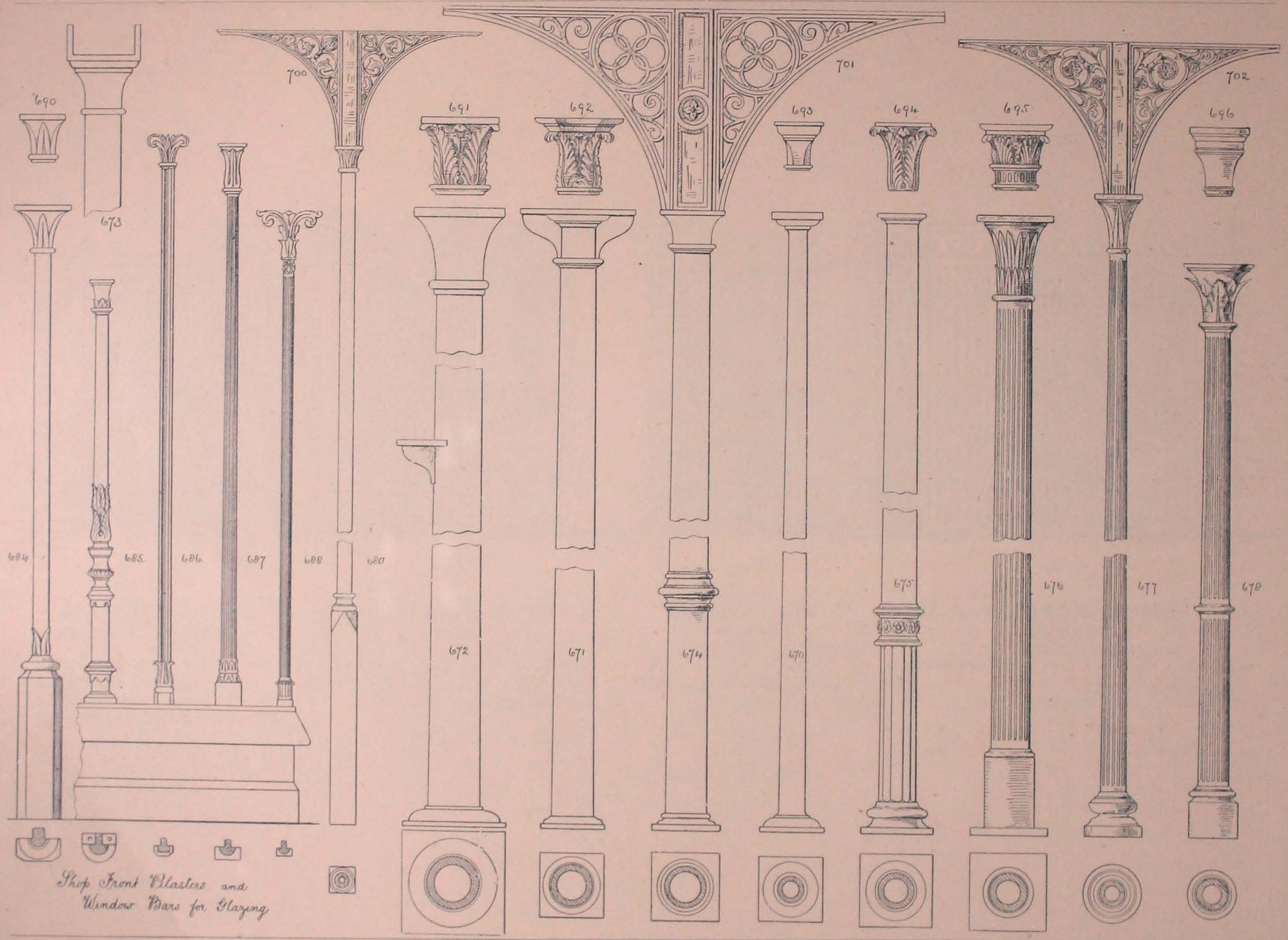
VENTILATING SLIDING DOOR.

Of Extended Metal, Angle Iron Frame with Top Bar and Bottom Guide, Handle and Hasps for Padlock.

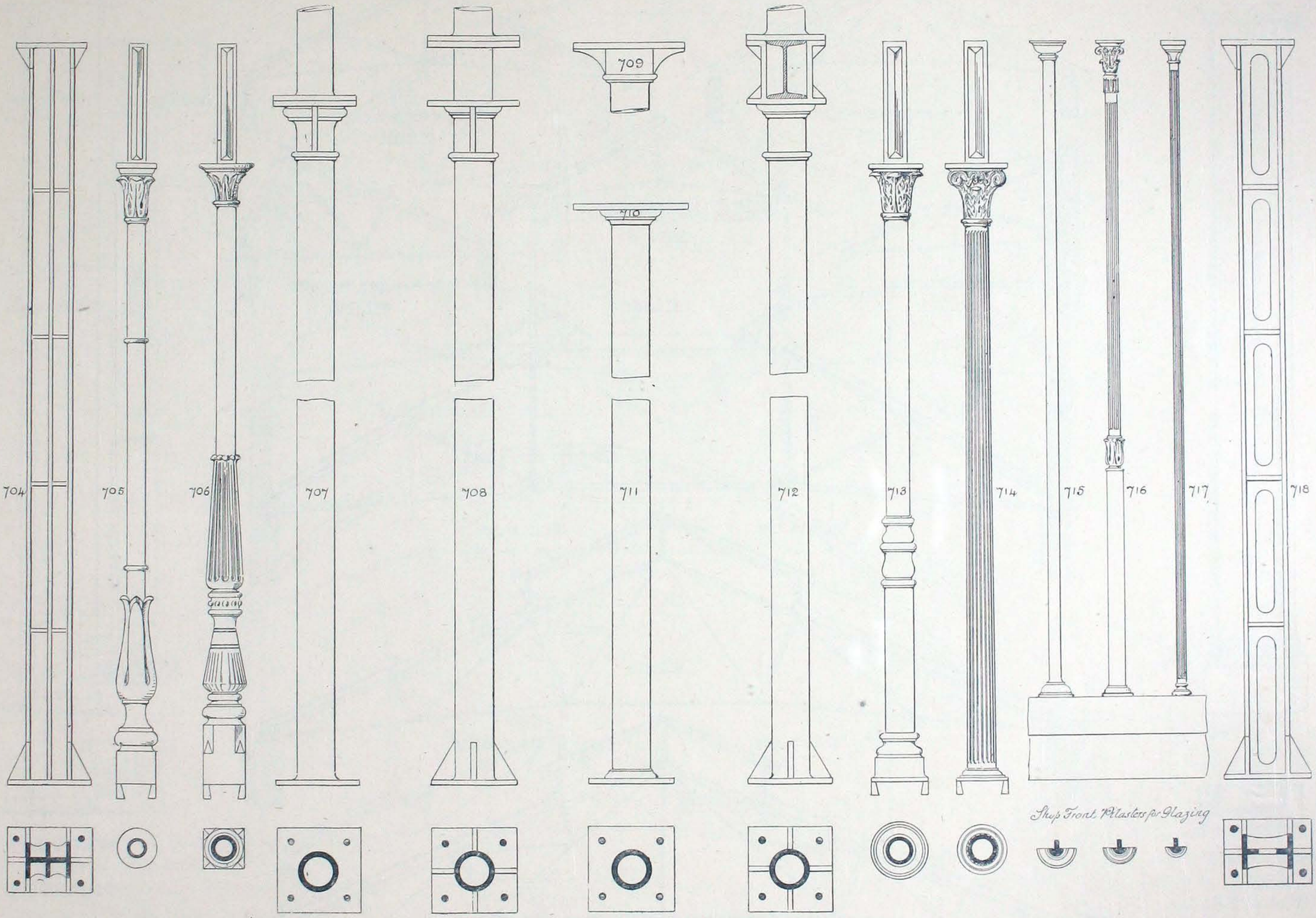
3 ft. 0 in. × 6 ft. 6 in. high, £4 9 6
3 ft. 6 in. × 7 ft. 0 in. high, £4 15 0

Special prices for large quantities on receipt of requirements.

CAST IRON COLUMNS, BRACKETS, & SHOP FRONT PILASTERS.

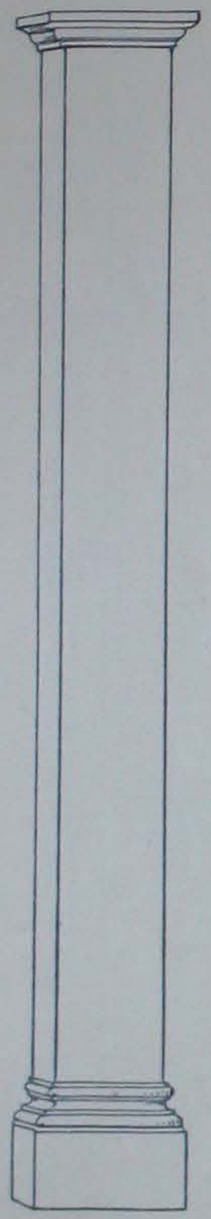


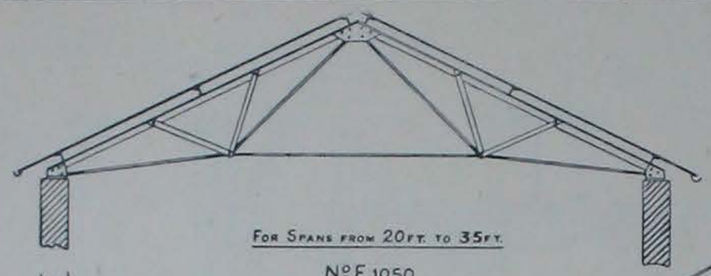
Quotations on receipt of requirements stating sizes and quantities required. Illustrations are to scale of $\frac{5}{8}$ in. = 1 foot, but Nos. 680, 672, 671, 674, and 670 can be supplied to any size required. *For Safe Loads, see page 341.*



Quotations on receipt of requirements stating sizes and quantities required. *For Safe Loads, see page* 341.
Illustrations are to scale of about $\frac{3}{4}$ *inch* = 1 *foot, but Nos.* 704, 718, 707, 708, 711 *and* 712 *can be supplied to any sizes required.*

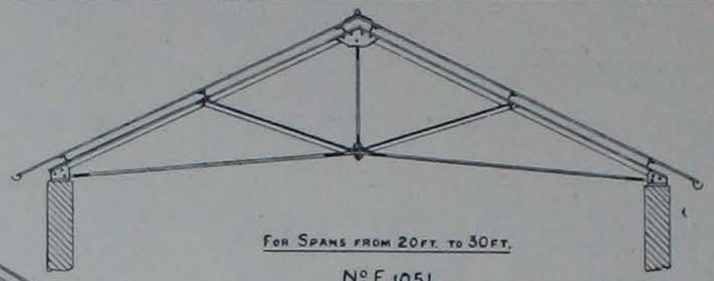
IRON ROOFS AND PILASTERS.





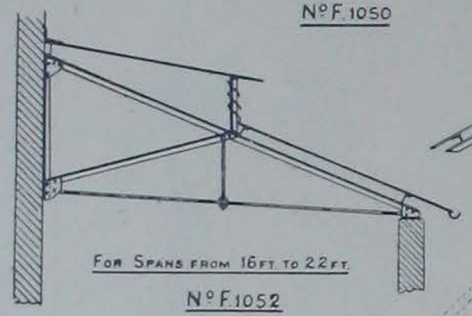
For Spans from 20ft. to 35ft.

No F. 1050



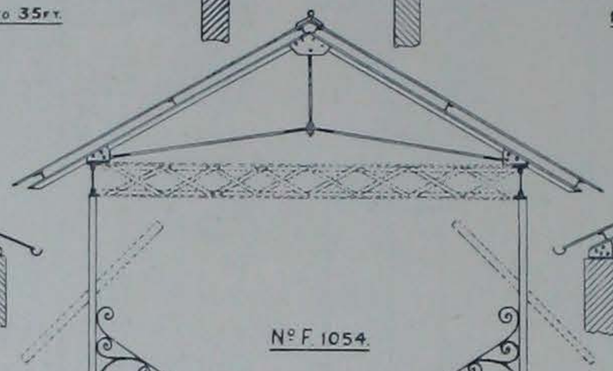
For Spans from 20ft. to 30ft.

No F. 1051.

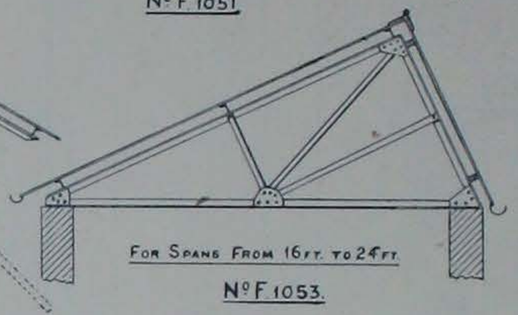


For Spans from 16ft. to 22ft.

No F. 1052

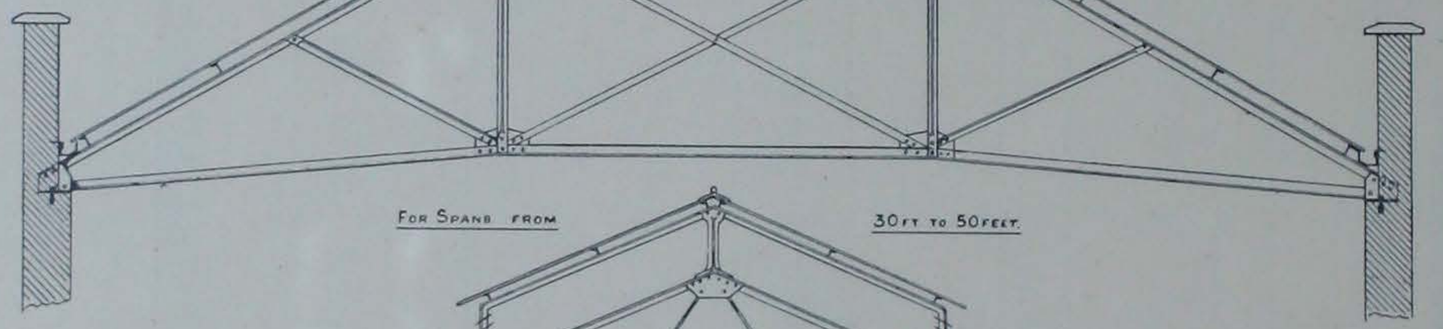


No F. 1054.

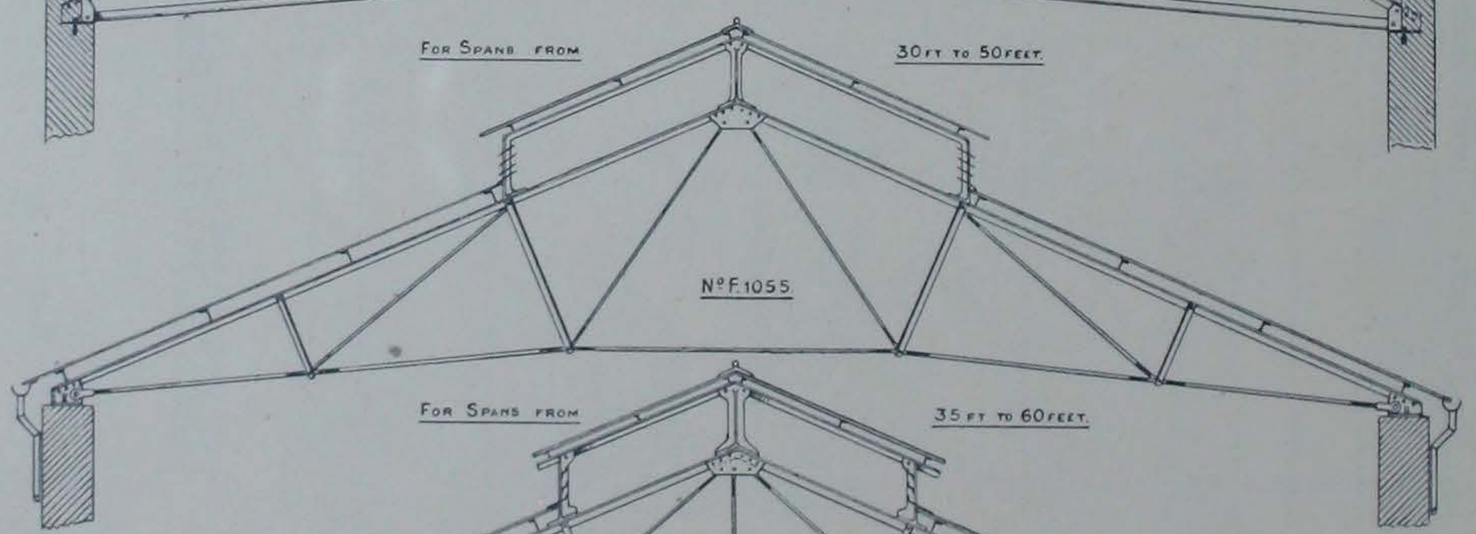


For Spans From 16ft. to 24ft.

No F. 1053.

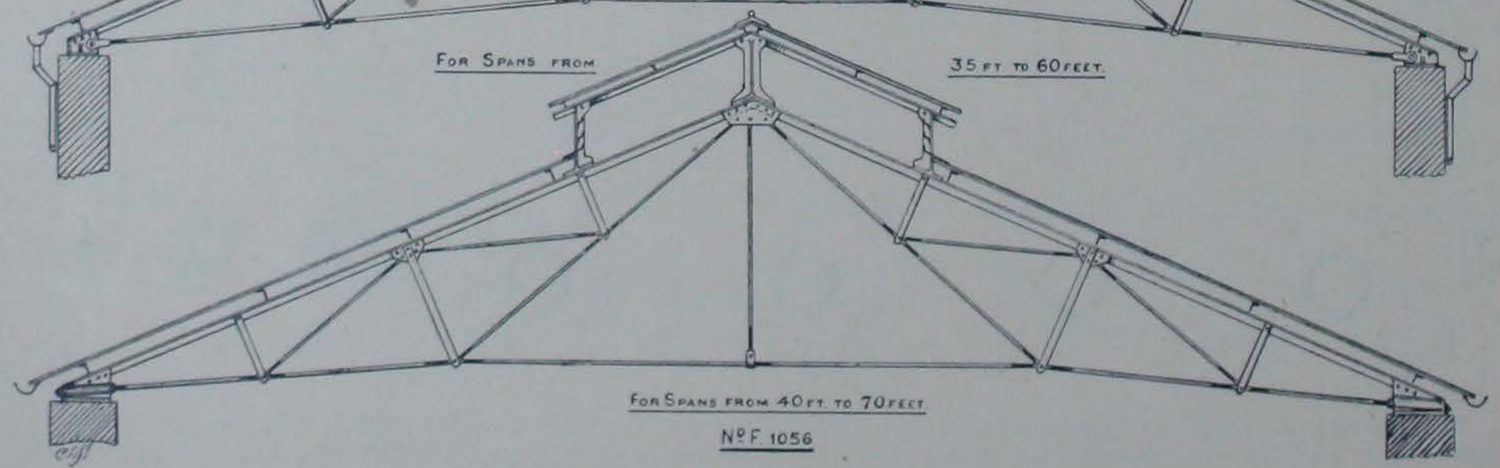


For Spans from 30ft to 50feet.



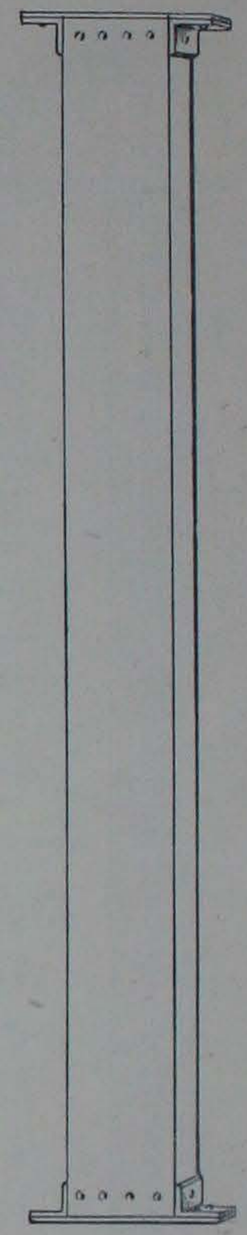
No F. 1055.

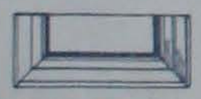
For Spans from 35ft to 60feet.



For Spans from 40ft. to 70feet.

No F. 1056



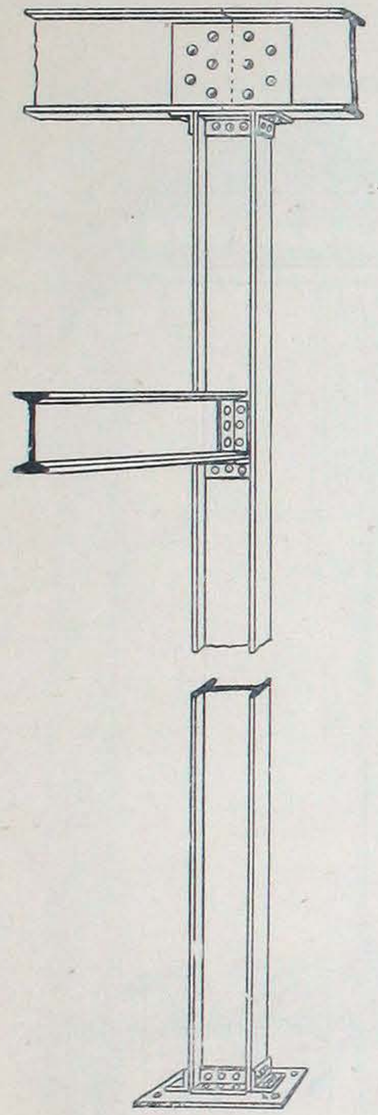


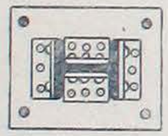
WROUGHT IRON PILASTER,
with moulded cast iron cap and base.



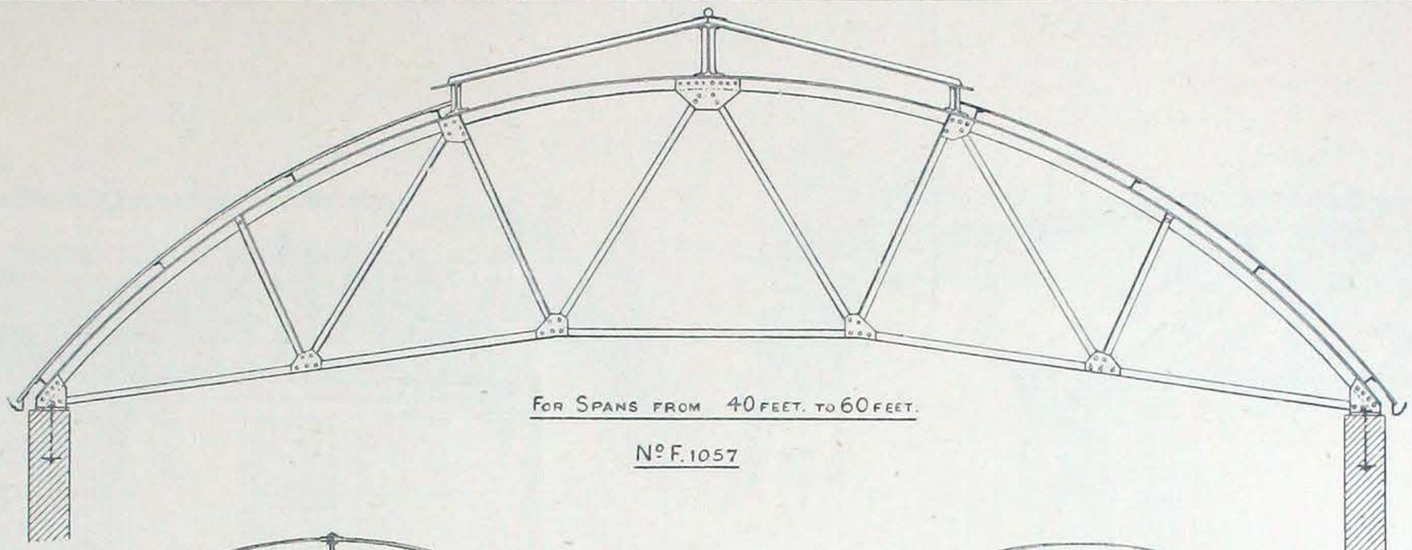
WROUGHT IRON PILASTER.

Quotations on receipt of requirements.



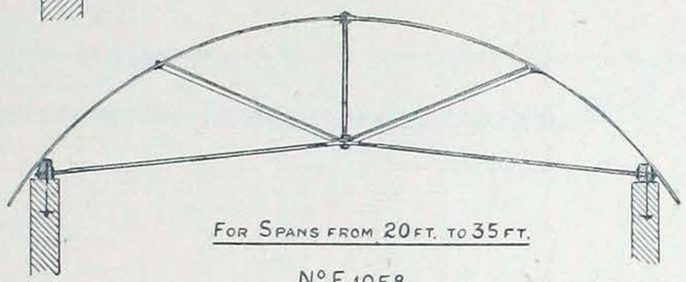


Rolled Steel STANCHIONS, as above, made up from any of our Joist Sections.



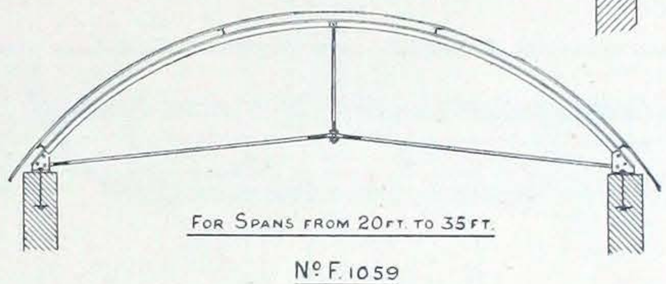
FOR SPANS FROM 40 FEET. TO 60 FEET.

Nº F. 1057



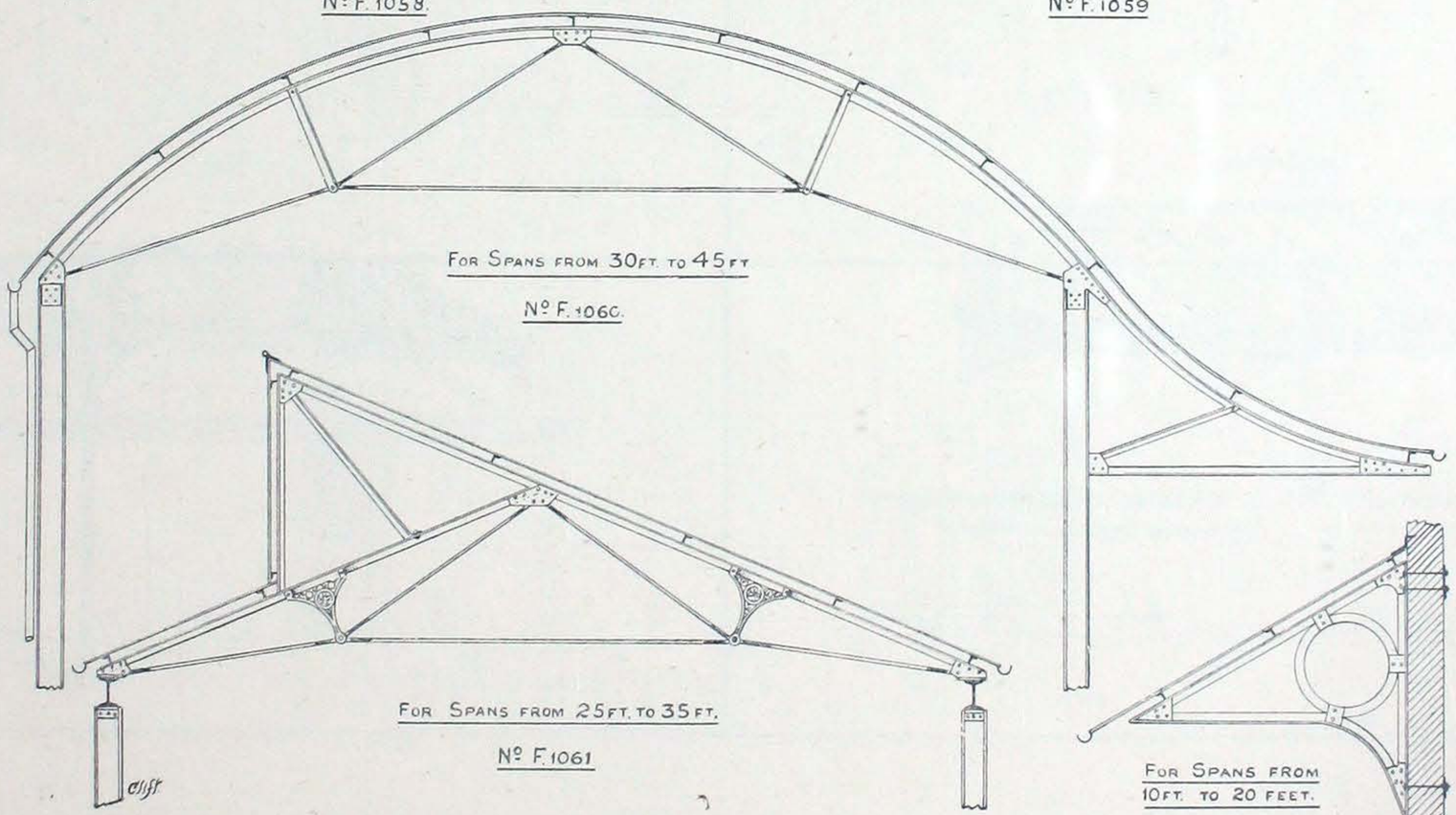
FOR SPANS FROM 20 FT. TO 35 FT.

Nº F. 1058.



FOR SPANS FROM 20 FT. TO 35 FT.

Nº F. 1059



FOR SPANS FROM 30 FT. TO 45 FT

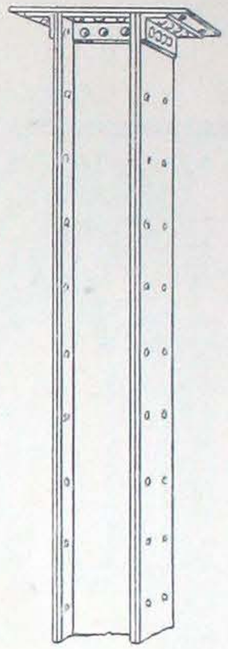
Nº F. 1060.

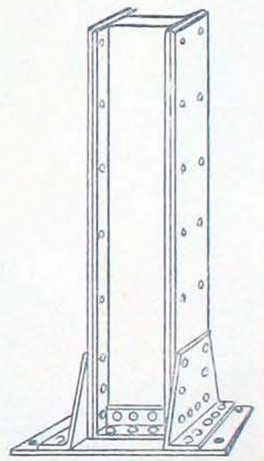
FOR SPANS FROM 25 FT. TO 35 FT.

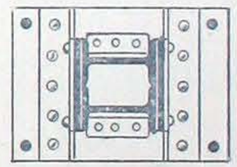
Nº F. 1061

FOR SPANS FROM 10 FT. TO 20 FEET.

Nº F 1062



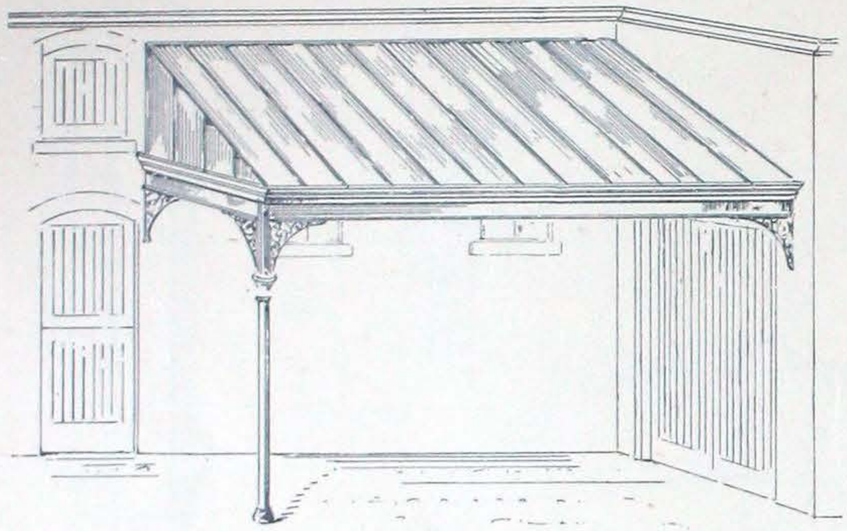




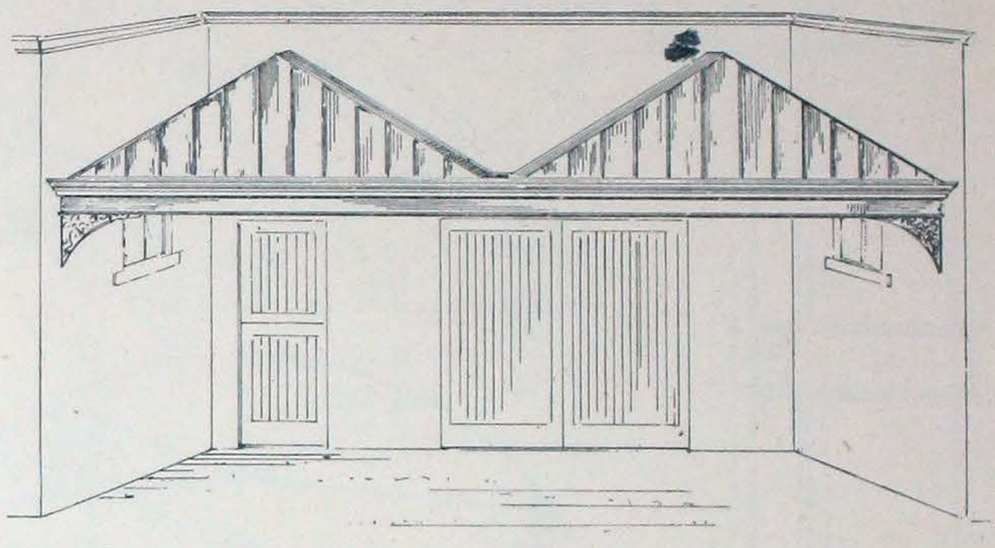
Compound Rolled Steel STANCHIONS, as above, made up from any of our Joist Sections.

Quotations on receipt of requirements.

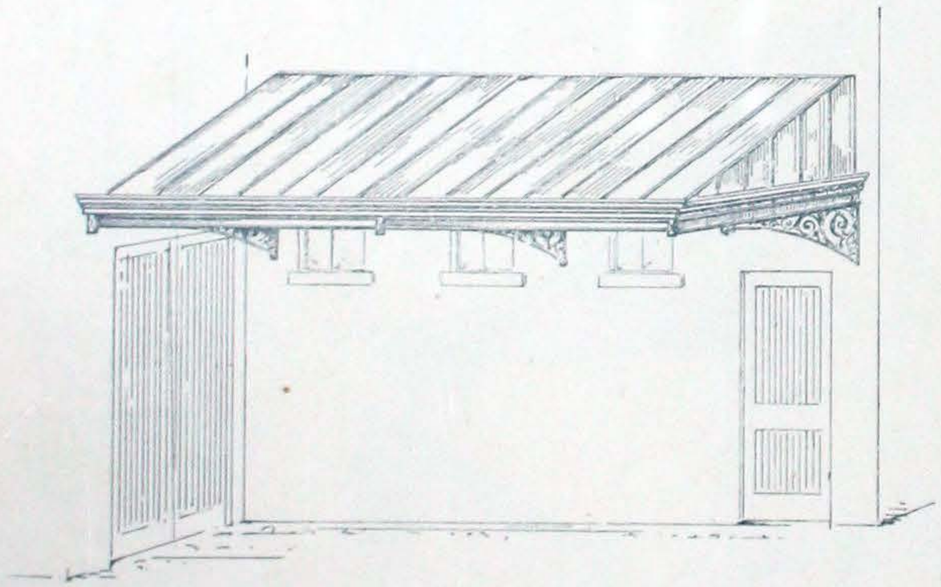
STABLE YARD ROOFS.



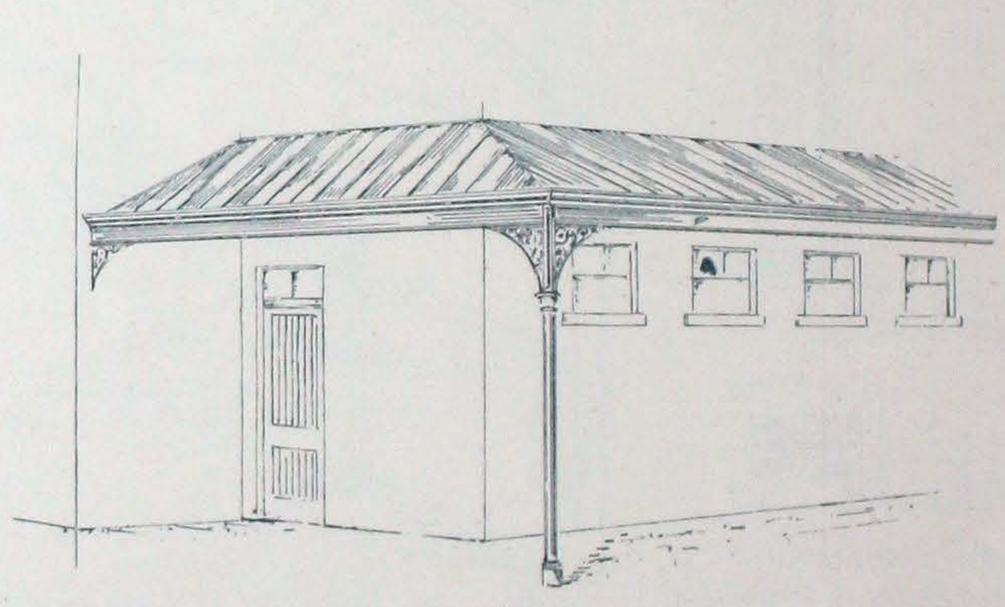
F 1070.



F 1071.

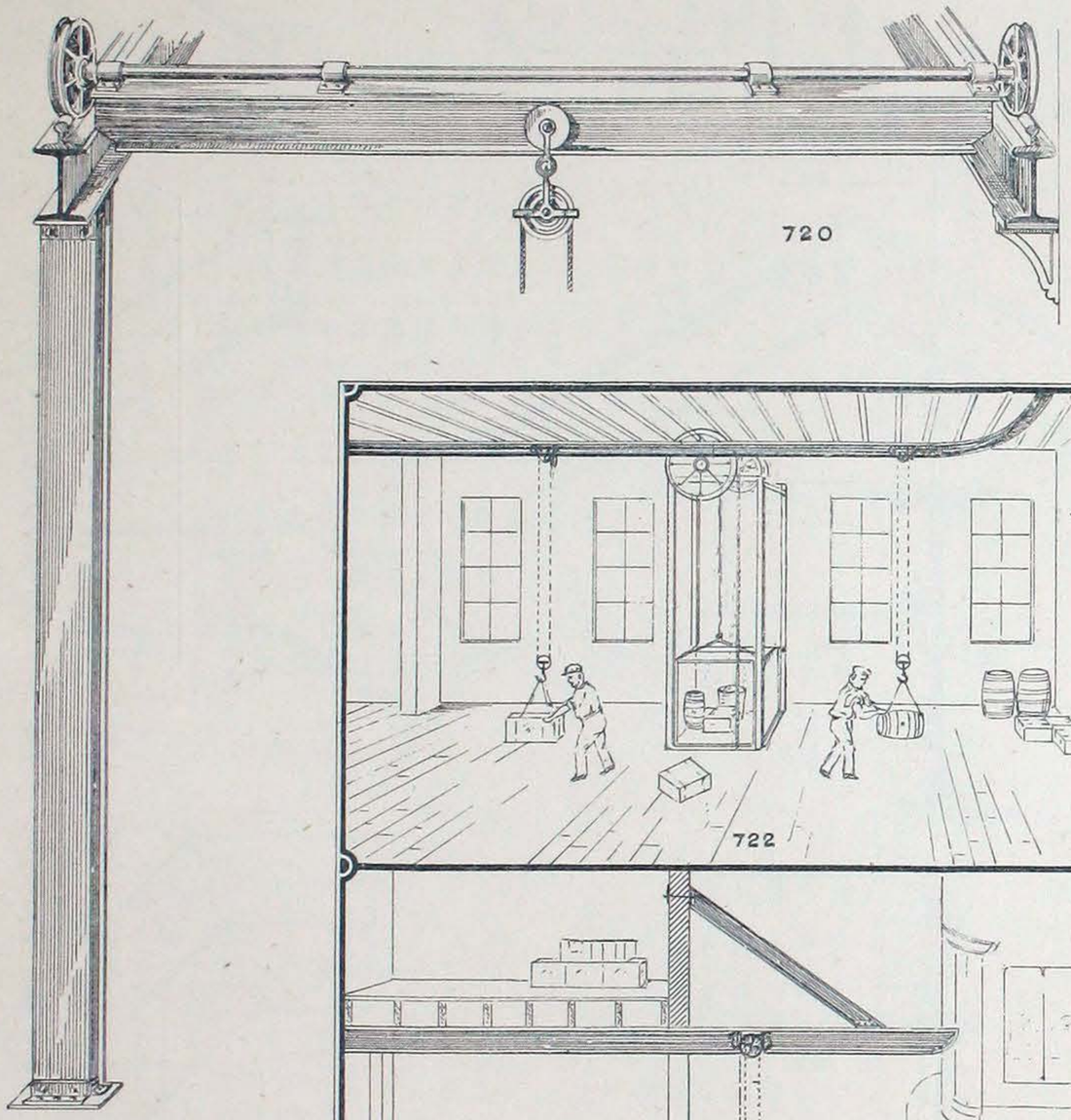


F 1072.

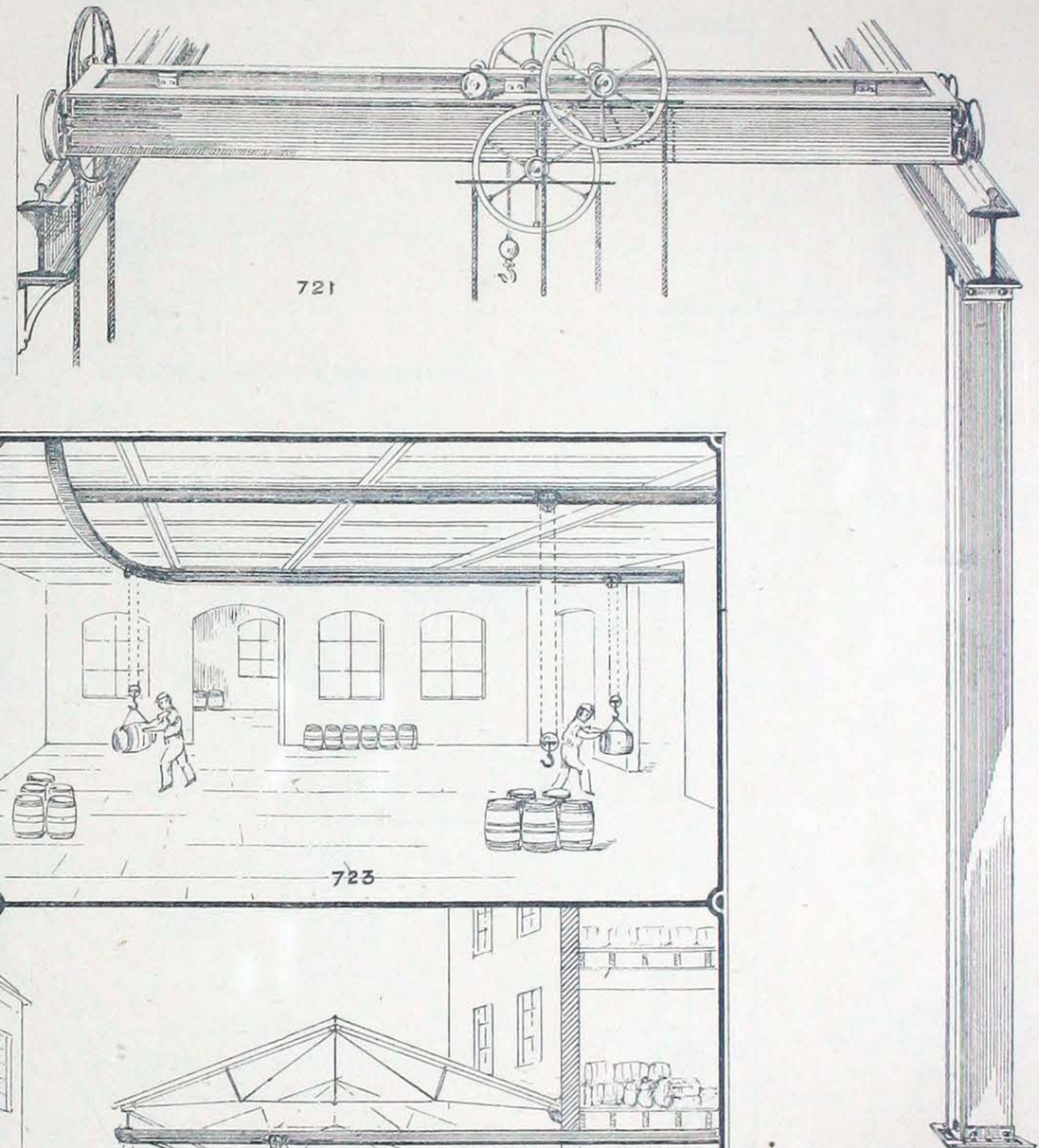


F 1073.

Quotations on receipt of requirements.



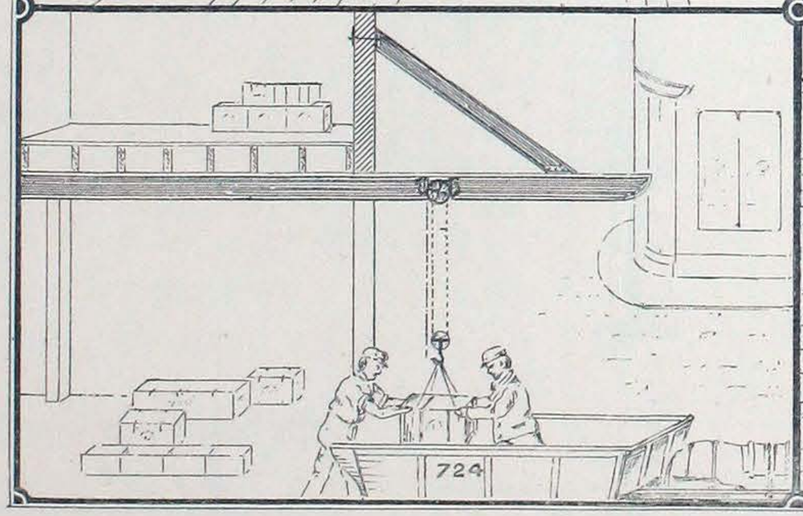
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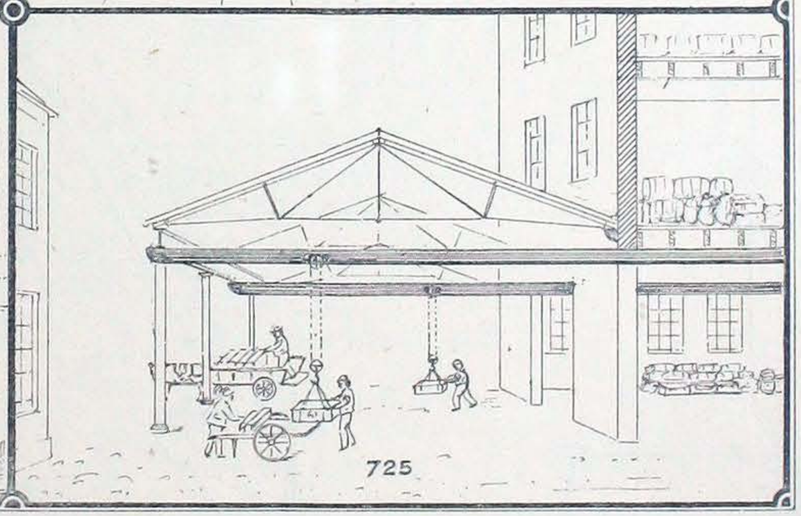
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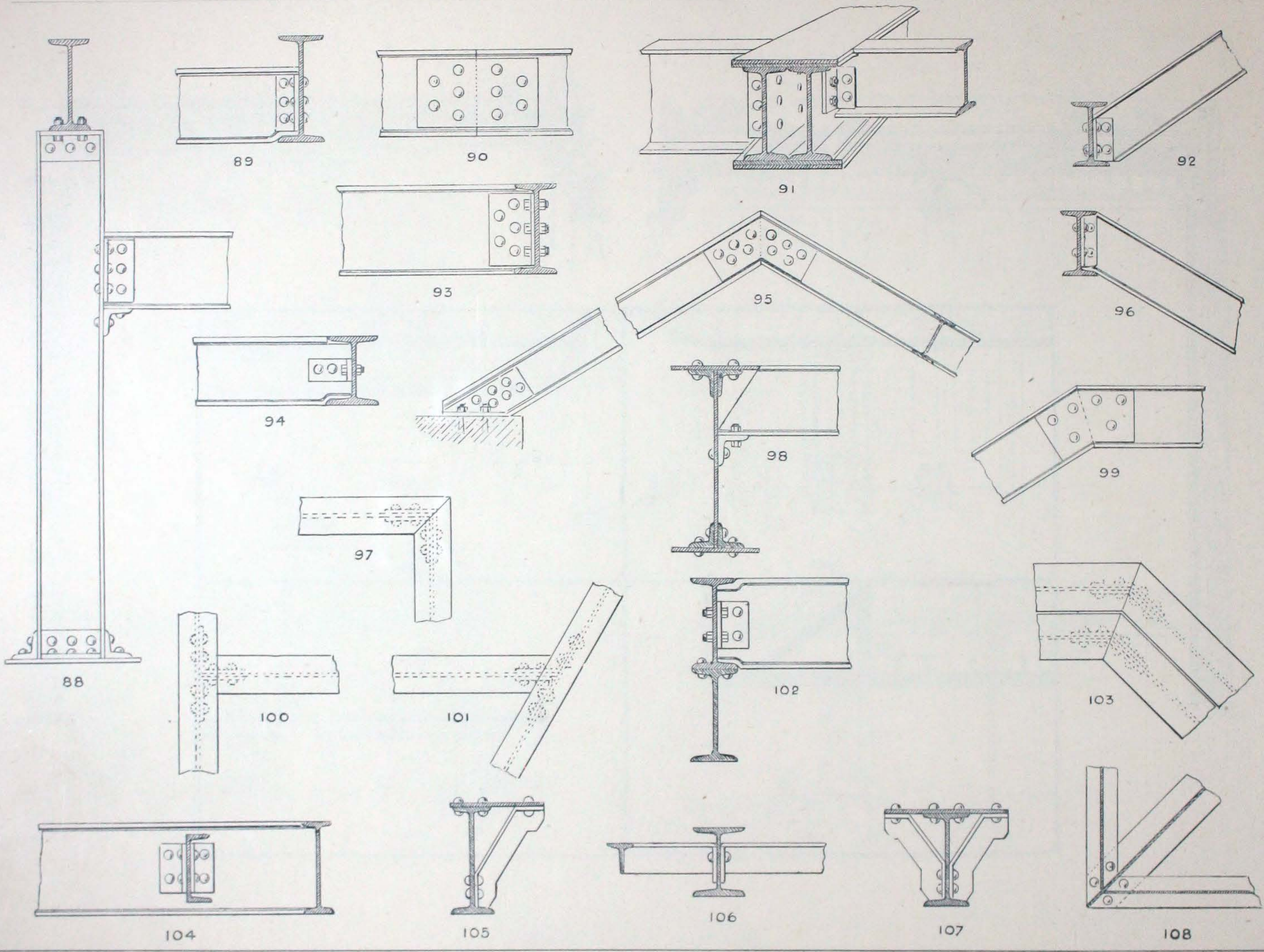
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Quotations on receipt of requirements.

CONNECTIONS FOR JOIST AND GIRDER WORK.



When specifying, please state number of connections required.

SAFE LOADS FOR CAST IRON COLUMNS.

External Diam.	Metal.	Safe Loads in Tons, if ends are flat and firmly fixed. Length of Column in Feet. 6	8	10	12	14	16	18	20	24
3″	⅝ in.	7	5	3½						
,,	¾ in.	8	5	4						
,,	Solid	10	7	5						
4″	½ in.	11	8	6	5					
,,	⅝ in.	13	10	7	6					
,,	¾ in.	15	11	9	7					
,,	1 in.	18	14	10	8					
,,	Solid	24	18	14	11					
5″	⅝ in.	20	16	13	10	8				
,,	¾ in.	24	19	15	12	9				
,,	1 in.	30	23	18	15	12				
,,	1¼ in.	35	28	22	17	13				
6″	¾ in.	33	27	22	18	15	12			
,,	1 in.	41	34	28	23	19	16			
,,	1¼ in.	49	41	33	27	23	19			
,,	1½ in.	56	46	38	31	26	21			
7	¾ in.	42	36	31	26	22	18	16		
,,	1 in.	54	46	39	33	28	24	20		
,,	1¼ in.	64	55	47	40	33	28	24		
,,	1½ in	74	64	54	45	38	32	27		

External Diam.	Metal.	Safe Loads in Tons, if ends are flat and firmly fixed. Length of Column in Feet. 6	8	10	12	14	16	18	20	22	24
8″	1 in.	66	58	51	44	38	32	28	24		
,,	1¼ in.	79	70	61	53	45	39	34	29		
,,	1½ in.	92	81	71	61	52	45	39	34		
9″	1 in.	78	70	62	54	46	42	38	34		
,,	1¼ in.	94	85	76	67	58	51	45	40		
,,	1½ in.	110	99	88	78	68	59	52	46		
10″	1 in.	89	82	75	68	61	54	47	42	37	
,,	1¼ in	109	100	90	80	72	64	57	50	43	
,,	1½ in.	127	116	106	96	86	76	67	59	51	
12″	1 in.		107	99	91	83	76	69	62	56	51
,,	1¼ in.		130	120	110	101	92	84	76	69	62
,,	1½ in.		153	142	131	119	108	98	89	81	73
,,	2 in.		195	180	166	152	138	125	113	102	92
14″	1¼ in.				142	132	122	113	104	96	88
,,	1½ in.				174	156	144	133	122	112	102
,,	2 in.				213	198	184	170	157	145	133
16″	2 in.					247	232	217	203	189	175
,,	2½ in.					298	280	262	244	227	211
18″	2 in.						282	265	250	235	220
,,	2½ in.						342	321	301	284	267

For Illustrations of Columns see pages 334 and 335.

PLAIN CAST-IRON COLUMNS in Stock, with Loose Caps.

8, 9, 10 ft. high × 3 in. diam. | 9, 10, 11, 12 ft. high × 4 in. diam. | 9, 10, 11, 12 ft. high × 5 in. diam.
9, 10, 11, 12 ft. high × 6 in. diam.

STOCK SECTIONS OF ROLLED STEEL JOISTS.

No. of Section.	Size in inches. Deep. × Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
1	3 × 3	9	2·42	1·80	1·45	1·21	1·03	0·90										
2	3⅛ × 1½	4½	1·23	0·92	0·73	—	—	—										
3	4 × 2	6	2·16	1·62	1·29	1·08	0·92	—										
4	4 × 3	10½	4·34	3·25	2·60	2·16	1·87	—										
5	5 × 3	11	5·12	3·85	3·08	2·56	2·20	1·92	1·70									
6	5 × 4½	19	9·83	7·39	5·90	4·91	4·21	3·69	3·08	2·94								
7	6¼ × 2	9½	5·00	3·75	3·00	2·50	2·14	1·87	—	—								
8	6¼ × 3⅛	13½	7·20	5·40	4·32	3·60	3·08	2·70	2·40	—								
9	6 × 5	24	—	11·40	9·13	7·61	6·52	5·69	5·07	4·56								
10	7 × 3¾	16½	—	8·64	6·90	5·76	4·93	4·32	3·83	3·45								
11	8 × 4	19	—	10·92	8·73	7·28	6·23	5·46	4·85	4·36	3·97							
12	8 × 5	27	—	16·14	12·92	10·76	9·22	8·07	7·18	6·45	5·87	5·37						
13	8 × 6	30	—	19·78	15·82	13·18	11·30	9·88	8·78	7·90	7·19	6·58						
14	9¼ × 4	21	—	—	11·46	9·55	8·19	7·16	6·36	5·73	5·21	4·78						
15	9½ × 4½	23	—	—	11·88	9·90	8·49	7·42	6·60	5·94	5·40	4·95						
16	9 × 7	52	—	33·77	27·01	22·51	19·29	16·88	15·00	13·50	12·27	11·25	10·38					
17	10 × 5	30	—	22·72	18·19	15·15	12·99	11·36	10·11	9·09	8·27	7·57	6·99					
18	10 × 6	42	—	—	23·44	19·53	16·74	14·65	13·02	11·72	10·65	9·76	9·02	8·37				
19	12 × 5	37	—	—	24·20	19·80	17·05	14·96	13·42	12·10	11·00	10·12	9·35	8·58	7·97			
20	12 × 6	44	—	—	31·07	25·85	22·27	19·58	17·38	15·67	14·30	13·20	12·10	11·27	10·45	9·90		
21	13 13/16 × 5½	47	—	—	36·81	30·67	26·30	23·1	20·44	18·40	16·73	15·33	14·15	13·14	12·27	11·50	10·82	
22	15¾ × 6 3/32	62	—	—	55·70	46·42	39·78	34·81	30·94	27·85	25·32	23·21	21·41	19·89	18·56	17·40	16·37	15·47



The Safe Loads quoted are, unless by special arrangement, given without guarantee.
Moving Loads, or loads applied to the centre of the beam, should not exceed one-half of the weight stated.
It is advisable that lengths of Joists and Girders should not exceed twenty times their depth if it is desired to avoid deflection.
A margin of 1¼-inch, more or less, on lengths is required on stock lengths, also of 5 per cent. on weight.
All Sections of Joists are kept in stock in even feet from 16 to 36 feet, viz.: 16–18–20 feet, etc. On any other lengths cutting, and waste (if any) is charged.
Quotations sent on receipt of requirements stating Sections and Lengths required.

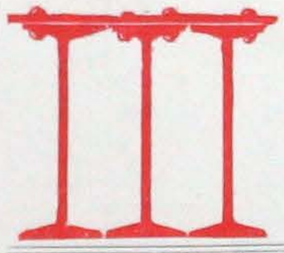
STEEL COMPOUND GIRDERS.



No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28
109A	8½	× 8	33	12	10	8							
109B	9¾	× 8	35	13	11	9	8						
109C	10½	× 9	46	22	18	15	13	12					
109D	10½	×10	59	25	21	18	16	14					
109E	12⅓	× 9	53	31	26	22	19	17	15				
109F	12½	×10	61	36	30	25	22	20	18				
109G	14 5/16	×10	64	45	37	32	28	25	22				
109H	16¼	×12	83	63	52	45	39	35	31				



No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28
110A	8½	× 9	54	23	19	16							
110B	9¾	×10	59	25	21	18	15						
110C	10½	×12	80	36	30	25	22	20					
110D	12½	×12	95	54	45	38	34	30	27				
110E	14 5/16	×12	115	70	58	50	44	39	35				
110F	16¼	×14	148	110	91	78	69	61	55				



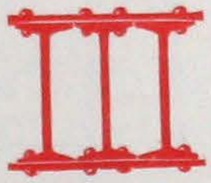
No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28
111A	10½	×16	117	56	46	40	35	31					
111B	12½	×16	138	83	69	59	52	46	41	37			
111C	14 5/16	×18	172	115	95	82	72	64	57	52	48	44	
111D	16¼	×20	220	162	135	115	101	90	81	73	67	62	57



No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30
112A	9	× 8	47	25	21	18	15							
112B	10¼	× 8	49	26	22	18	16	14						
112C	11	× 9	61	38	32	27	24	21						
112D	11	×10	76	44	37	31	27	24						
112E	13	× 9	68	49	41	35	30	27	24					
112F	13	×10	78	56	47	40	35	31	28					
112G	14 3/16	×10	81	71	59	50	44	39	35	32	29			
112H	16¾	×12	103	97	81	69	60	54	48	44	40	37	34	



No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30
113A	9	× 9	69	35	29	25	22							
113B	10¼	×10	76	38	31	27	24	21						
113C	11	×12	101	60	50	43	37	33	30					
113D	13	×12	115	78	65	56	49	43	39	36				
113E	14 3/16	×12	134	108	90	77	67	60	54	49	45	41		
113F	16¾	×14	172	150	125	107	93	83	75	68	62	57	53	



No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30
114A	11	×16	145	82	68	58	51	46						
114B	13	×16	166	108	90	77	67	60	54	49				
114C	14 3/16	×18	203	170	141	121	106	94	85	77	70	65		
114D	16¾	×20	254	224	186	160	140	125	112	102	93	86	80	



No. of Section.	Size in inches. Deep.	Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30
115A	11½	×12	122	68	57	48	42	37	34					
115B	13½	×12	136	89	74	63	55	49	44	40				
115C	15 5/16	×12	156	120	100	85	75	66	60	54	50	46		
115D	17¼	×14	196	164	136	117	102	91	82	74	68	63	58	54

The Safe Loads quoted are, unless by special arrangement, given without guarantee.

Moving Loads, or loads applied to the centre of the beam, should not exceed one-half of the weight stated.

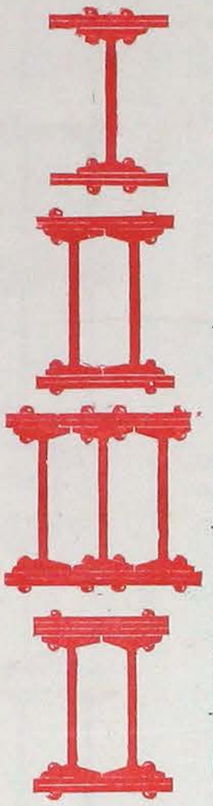
It is advisable that lengths of Joists and Girders should not exceed twenty times their depth if it is desired to avoid deflection.

A margin of 1¼-inch, more or less, on lengths is required on stock lengths, also of 5 per cent. on weight.

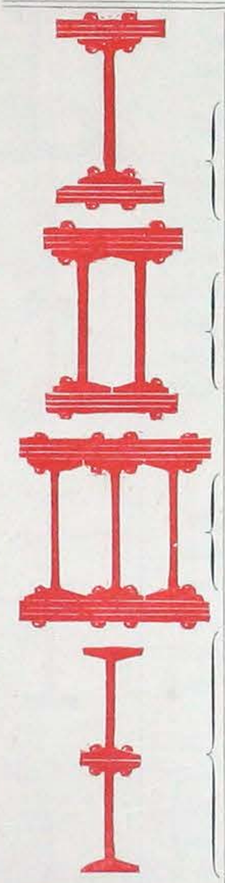
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Quotations sent on receipt of requirements stating Sections and Lengths required.

STEEL COMPOUND GIRDERS.



No. of Section.	Size in inches. Deep.	Size in inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 12	14	16	18	20	22	24	26	28	30	32
116A	12	×10	110	58	49	43	38	34						
116B	14	×10	112	71	61	53	47	42	38	35				
116C	15 1/16	×10	115	90	77	67	60	54	49	45	41			
116D	17 3/4	×12	144	115	98	86	76	69	63	57	53	49	46	
117A	12	×12	142	75	64	56	50	45						
117B	14	×12	156	95	81	71	63	57	51	47				
117C	15 1/16	×12	176	123	105	92	82	73	67	61	56			
117D	17 3/4	×14	220	165	141	123	110	99	90	82	76	70	66	
118A	14	×16	220	133	114	99	88	79	72	66				
118B	15 1/16	×18	264	183	157	137	122	109	99	91	84			
118C	17 3/4	×20	322	232	199	174	154	139	126	116	107	99	92	
119A	16 5/16	×12	196	140	120	105	93	84	76		65	60	56	
119B	18 1/4	×14	243	182	156	136	121	109	99	91	84	78	73	



No. of Section.	Size in inches. Deep.	Size in inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 14	16	18	20	22	24	26	28	30	32	34	36
120A	16 1/16	×10	149	100	87	77	70	63	58	54	50				
120B	18 3/4	×12	185	134	117	104	93	85	78	72	67	62	5		
121A	16 1/16	×12	217	136	119	106	95	86	79	73	68				
121B	18 3/4	×14	267	166	145	129	116	105	97	89	83	77	72		
122A	16 1/16	×18	325	206	180	160	144	131	120	111	103				
122B	18 3/4	×20	390	266	232	207	186	169	155	143	133	124	116		
123A	12 1/2	× 3 1/8	27	7	6	5	4								
123B	12	× 5	48	14	12	11	10								
123C	14	× 3 3/4	33	13	11	10	9	8	7						
123D	16	× 5	54	19	16	14	13	12	11	10					
123E	16	× 6	60	24	21	19	17	15	14	13					
123F	19	× 4 1/2	46	19	16	14	13	12	11	10	9	8 1/2	8		
123G	20	× 6	84	35	31	27	24	22	20	18	17	16	15	14	
123H	24	× 6	88	46	40	35	32	29	27	25	23	21	20	19	18

The Safe Loads quoted are, unless by special arrangement, given without guarantee.

Moving Loads, or loads applied to the centre of the beam, should not exceed one-half of the weight stated.

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A margin of 1/4-inch, more or less, on lengths is required on stock lengths, also of 5 per cent. on weight.

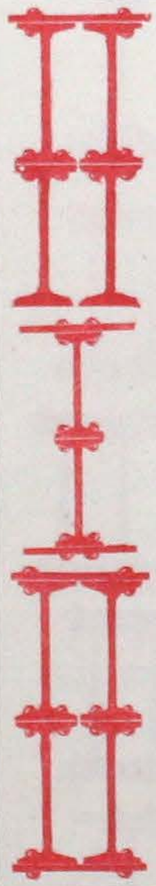
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Quotations sent on receipt of requirements stating Sections and Lengths required.

STEEL COMPOUND GIRDERS.



No. of Section.	Size in inches. Deep.	Size in inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 14	16	18	20	22	24	26	28	30	32	34	36
124A	14½	4½	42	13	11	10	9	8	7						
124B	16	5	54	19	16	14	13	12	11	10					
124C	18	5	57	23	20	18	16	15	14	13	12	11			
124D	18	5	61	26	22	20	18	16	15	14	13	12			
124E	20	5	64	30	26	23	21	19	17	16	15	14			
125A	16½	8	68	21	18	16	14	13	12	11	10				
125B	19½	8	60	22	19	17	15	14	13	12	11	10	9		
125C	20½	9	76	29	25	22	20	18	16	15	14	13	12	11	
125D	20½	10	101	39	34	30	27	25	23	21	19	18	17	16	
125E	24½	10	91	41	36	32	28	26	24	22	20	19	18	17	16
125F	24½	12	109	50	43	39	35	32	29	27	25	23	21	20	19
126A	16½	8	68	25	22	19	17	15	14	13	12				
126B	19½	8	60	24	21	18	16	15	14	13	12	11	10		
126C	20½	9	76	35	30	26	24	22	20	18	17	16	15	14	
126D	20½	10	101	45	39	35	31	28	26	24	22	21	20	19	
126E	24½	10	91	48	42	37	33	30	28	26	24	22	21	20	19
126F	24½	12	109	58	51	45	40	37	34	31	29	27	25	23	22



No. of Section.	Size in inches. Deep.	Size in inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 14	16	18	20	22	24	26	28	30	32	34	36
127A	16½	9	92	34	29	26	23	21	19	18	17				
127B	19	10	101	43	37	33	30	27	25	23	21	19	18		
127C	20½	12	141	63	55	49	44	40	37	34	31	29	28	27	
127D	24½	12	169	94	82	73	66	61	56	51	47	44	41	38	36
127E	28⅝	12	209	135	118	105	94	86	79	73	68	63	59	55	52
127F	32	14	272	195	171	152	136	124	114	105	97	91	85	80	76
128A	17	8	82	42	37	33	29	26	24	22	21				
128B	20	8	74	44	38	34	31	28	26	24	22	20	19	18	
128C	21	9	91	57	49	43	39	36	33	30	28	26	24	22	21
128D	21	10	118	72	63	56	50	46	42	39	36	33	31	29	28
128E	25	10	108	79	69	61	55	50	46	42	39	36	34	32	30
128F	25	12	129	92	80	71	64	58	53	49	46	43	40	37	35
129A	17	9	107	56	49	43	39	35	32	30	28				
129B	19⅛	10	118	67	58	52	47	43	39	36	33	31	29		
129C	21	12	161	98	85	76	68	62	57	53	49	45	42	39	
129D	25	12	189	136	119	106	95	86	79	73	68	63	59	56	53
129E	28⅝	12	229	188	164	146	132	122	112	102	94	88	82	76	73
129F	32½	14	296	260	227	202	182	165	151	140	130	121	114	107	101

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Moving Loads, or loads applied to the centre of the beam, should not exceed one-half of the weight stated.

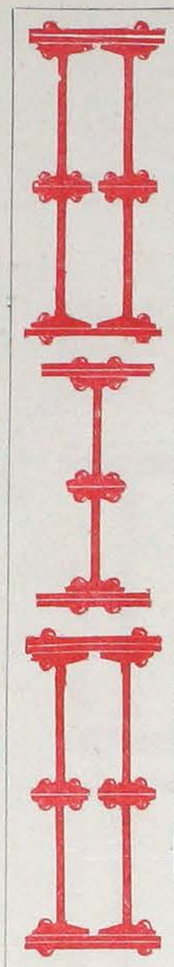
It is advisable that lengths of Joists and Girders should not exceed twenty times their depth if it is desired to avoid deflection.

A margin of 1¼-inch, more or less, on lengths is required on stock lengths, also of 5 per cent. on weight.

All Sections of Joists are kept in stock in even feet from 16 to 36 feet, viz.: 16–18–20 feet, etc. On any other lengths cutting, and waste (if any) is charged.

Quotations sent on receipt of requirements stating Sections and Lengths required.

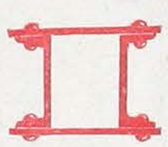
STEEL COMPOUND GIRDERS.



No. of Section.	Size in inches. Deep.	Size in inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 14	16	18	20	22	24	26	28	30	32	34	36
130A	21½	12	182	112	98	87	78	71	65	60	56	52	49	46	43
130B	25½	12	210	151	132	117	106	96	88	81	75	70	66	62	58
130C	29⅛	12	250	210	183	163	147	134	122	113	105	98	91	86	81
130D	33	14	320	280	245	218	196	178	163	151	140	130	122	115	109
131A	22	10	152	109	95	85	76	69	63	58	54	50	47	44	42
131B	26	10	142	132	115	103	92	84	77	71	66	61	57	54	51
131C	26	12	170	150	131	117	105	95	87	81	75	70	65	61	58
132A	22	12	202	140	122	109	98	89	81	75	70	65	61	57	54
132B	26	12	230	180	157	140	126	115	105	97	90	84	79	74	70
132C	29⅝	12	270	240	210	187	168	153	140	129	120	112	105	99	93
132D	33½	14	344	320	280	250	224	204	185	172	160	149	140	132	125



No. of Section.	Sizes in Inches. Deep.	Sizes in Inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30	32	34	36
133A	23	12	243	246	205	175	153	137	123	112	102	94	88	82	77	72	68
133B	27	12	271	329	274	235	206	183	164	150	137	126	117	110	103	97	91
133C	30⅝	12	311	424	353	303	265	236	212	193	176	163	151	141	132	124	118
133D	34½	14	391	532	443	380	332	296	266	242	221	205	190	177	166	156	148



No. of Section.	Sizes in Inches. Deep.	Sizes in Inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30	32	34	36
134A	10⅞	10	88	39	32	28	22	21									
134B	10⅞	12	95	42	35	30	26	23									
134C	10⅞	14	102	46	38	33	29	26									



No. of Section.	Sizes in Inches. Deep.	Sizes in Inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30	32	34	36
135A	11⅞	12	136	70	58	50	44	39	35								
135B	11⅞	14	151	78	65	56	49	43	39								
135C	11⅞	16	165	90	75	64	56	50	45								

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Moving Loads, or loads applied to the centre of the beam, should not exceed one-half of the weight stated.

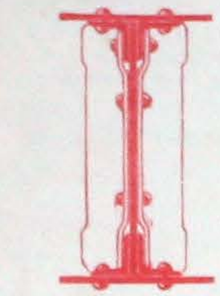
It is advisable that lengths of Joists and Girders should not exceed twenty times their depth if it is desired to avoid deflection.

A margin of 1¼-inch, more or less, on lengths is required on stock lengths, also of 5 per cent. on weight.

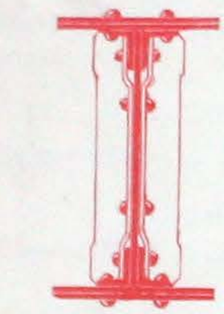
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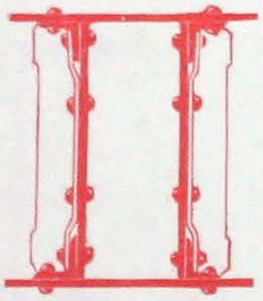
STEEL PLATE GIRDERS.



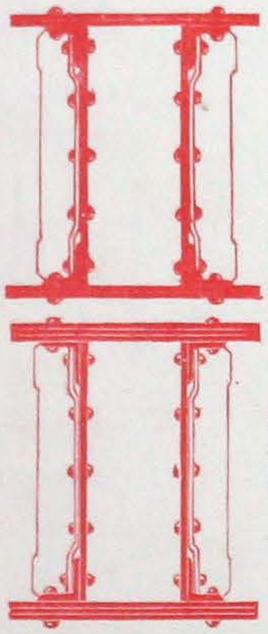
No. of Section.	Size in Inches. Deep.	Size in Inches. Wide.	Approximate Weight per foot in lbs.	Safe Distributed Dead Loads in Tons, if ends are firmly fixed. Distance between Supports in Feet. 10	12	14	16	18	20	22	24	26	28	30	32	34	36
136A	16	×12	128	88	73	63	55	48	44	40	37	34	32				
136B	17	×10	116	82	68	59	51	46	41	37	34	32	30				
136C	17	×12	130	91	76	65	57	51	45	41	38	35	32				
136D	19	×12	142	108	90	77	67	60	54	49	45	42	39	36	34	32	
136E	21	×10	128	109	91	78	68	61	55	50	46	42	39	36	34	32	
136F	21	×12	142	122	102	87	76	68	61	55	51	47	44	41	38	36	



137A	15	× 9	145	90	75	64	56	50	45	41	38	35					
137B	16	×10	150	103	86	74	64	57	51	47	43	40					
137C	18	×10	156	116	97	83	73	64	58	53	49	45	42	39			
137D	20	×12	180	155	129	111	97	86	78	70	65	60	56	52	49	46	
137E	22	×12	185	170	142	122	106	94	85	77	71	65	61	57	53	50	47



138A	16	×12	144	89	74	64	56	49	45	41	37	34					
138B	19	×14	166	120	100	86	75	67	60	55	50	46	43	40			
138C	19	×18	194	145	121	104	91	81	73	66	60	56	52	48			
138D	21	×12	162	120	100	86	75	67	60	55	50	46	43	40	37	35	33
138E	21	×14	172	132	110	94	83	73	66	60	55	51	47	44	41	39	37
138F	21	×16	186	150	125	107	94	83	75	68	62	57	53	50	47	44	42



139A	18	×14	218	158	132	113	99	89	79	72	66	61	57	53	50		
139B	20	×14	238	180	150	129	113	100	90	82	75	69	65	60	57	53	
139C	22	×14	244	200	167	143	125	111	100	91	84	77	72	67	63	59	56
139D	22	×16	252	222	185	159	139	123	111	101	93	85	80	74	70	66	62
139E	22	×18	272	252	210	180	158	140	126	115	105	97	90	84	79	74	70

140A	23	×16	312	260	217	186	162	144	130	118	109	100	93	87	81	76	72
140B	23	×18	348	300	250	214	188	167	150	136	125	115	107	100	94	89	84
140C	25	×14	300	298	248	213	186	166	149	135	124	114	106	99	93	88	83
140D	25	×16	322	334	278	239	209	186	167	152	139	128	119	111	104	98	93
140E	25	×18	350	346	288	247	216	192	173	157	144	133	124	115	108	102	96

FLITCHED BEAMS.

Safe Distributed Dead Loads in Tons on Flitched Beams, with Timber equal to Memel. Securely Bolted, and Ends Fixed.



Beams. in ins.	Flitches in ins.	Distance between Supports in Feet. 6	8	10	12	14	16	18	20	22	24
2/7 x3	1/7 x½	8	6	5	4	3					
2/8 x4	1/8 x½	10	7½	6	5	4½	4	3			
2/9 x3	1/9 x½	11	8	6½	5½	5	4½	4	3½		
2/12x6	1/12x½	31	23	18	15½	13	11½	10½	9½	8½	7½



Beams in ins.	Flitches in ins.	Distance between Supports in Feet. 6	8	10	12	14	16	18	20	22	24
3/7 x3	2/7 x½	12	9	7	6						
3/8 x4	2/8 x½	18	13½	11	9	8	7	6			
3/9 x3	2/9 x½	19	14	11½	9½	8	7	6			
3/12x6	2/12x½	50	38	30	25	21½	19	17	15½	14	12½

STOCK SIZES OF STEEL FLITCH PLATES.

In 36 Feet Lengths.

7 in. x ¼ in.	9 in. x ⅜ in.	11 in. x ½ in.	14 in. x ½ in.	16 in. x ½ in.	20 in. x ½ in.
8 in. x ½ in.	10 . x ½ in.	12 in. x ½ in.	15 in. x ½ in.	18 in. x ½ in.	

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It is advisable that lengths of Joists and Girders should not exceed twenty times their depth if it is desired to avoid deflection.

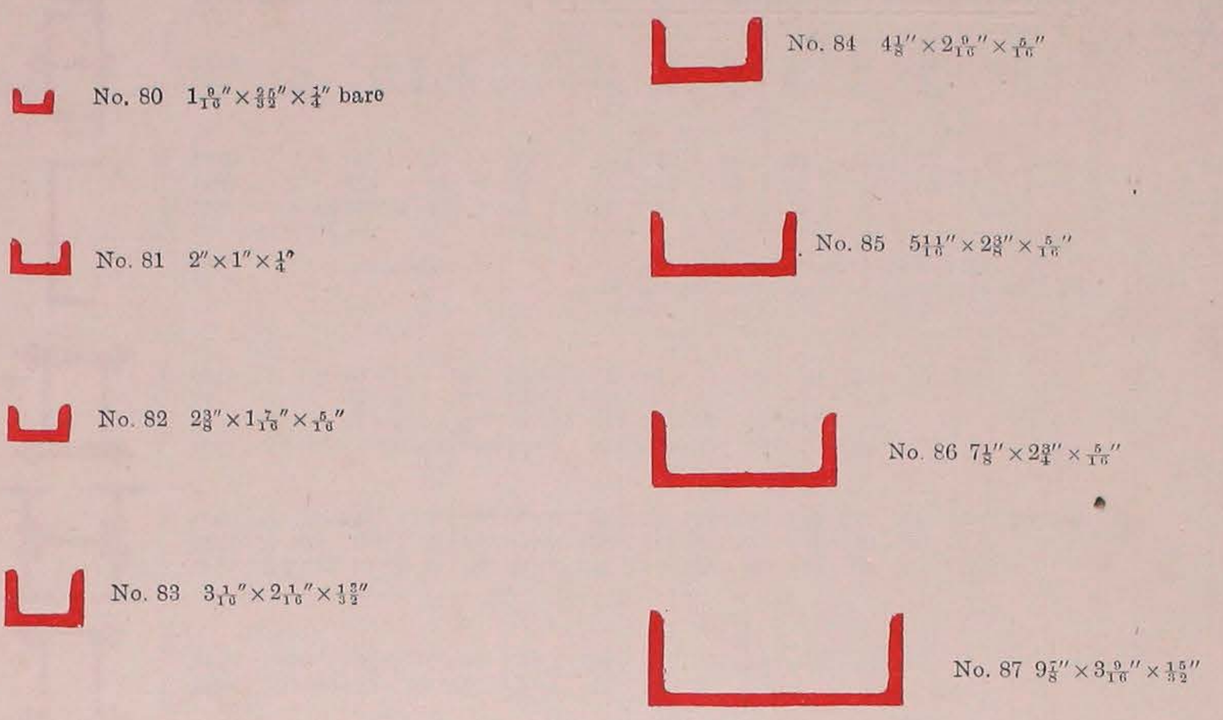
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Quotations sent on receipt of requirements stating Sections and Lengths required.

STEEL CHANNELS.

In Stock in 30 Feet Lengths.



APPROXIMATE WEIGHTS PER FOOT.

No.	80	81	82	83	84	85	86	87
	2lb.	$3\frac{1}{4}$lb.	5lb.	$8\frac{1}{2}$lb.	11lb.	$12\frac{1}{2}$lb.	16lb.	28lb.

Quotations on receipt of requirements stating Sections and Lengths required.

IRON TEES AND ANGLES.

STOCK SECTIONS OF TEES.

In Bars about 16 Ft. Long—$\frac{5}{8} \times \frac{5}{8} \times \frac{1}{8}$ in. $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$ in. $1 \times 1 \times \frac{3}{16}$ in. $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$ in. $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ in.
,, ,, ,, 30 ,, ,, —$2 \times 2 \times \frac{1}{4}$ in. $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$ in. $3 \times 3 \times \frac{3}{8}$ in. $4 \times 3 \times \frac{3}{8}$ in. $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{8}$ in. $4 \times 4 \times \frac{1}{2}$ in.

Section.	Safe Distributed Dead Loads of Tees in Cwt., if ends firmly fixed. Clear Span in Feet.							
	4	6	8	10	12	14	16	18
$2 \times 2 \times \frac{5}{16}$ in.	10	7	5	4	3			
$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$ in.	19	13	$9\frac{1}{2}$	8	$6\frac{1}{2}$			
$3 \times 3 \times \frac{3}{8}$ in.	30	20	15	12	10	8		
$3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{8}$ in.	40	27	20	16	13	11	10	
$4 \times 4 \times \frac{1}{2}$ in.	66	44	33	26	22	19	16	14

STOCK SECTIONS OF ANGLES.

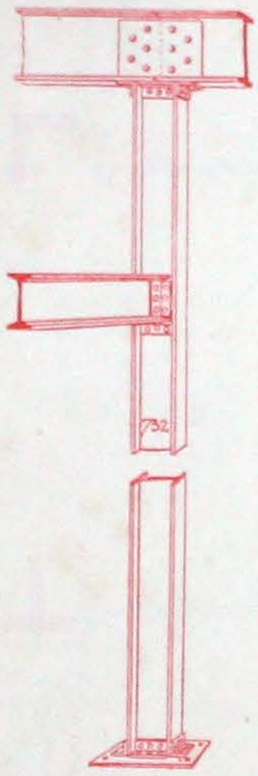
In Bars about 16 Ft. Long—$\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$ in. $\frac{5}{8} \times \frac{5}{8} \times \frac{1}{8}$ in. $\frac{3}{4} \times \frac{3}{4} \times \frac{1}{8}$ in. $1 \times 1 \times \frac{3}{16}$ in. $1\frac{1}{4} \times 1\frac{1}{4} \times \frac{3}{16}$ in. $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$ in.
,, ,, ,, 30 ,, ,, — $2 \times 2 \times \frac{5}{16}$ in. $2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$ in. $3 \times 3 \times \frac{3}{8}$ in. $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{8}$ in. $4 \times 4 \times \frac{1}{2}$ in.

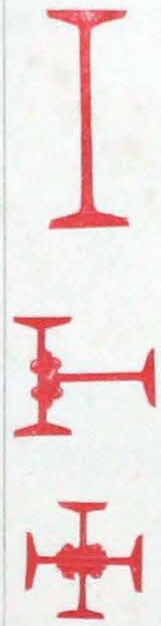
Section.	Safe Distributed Dead Loads of Angles in Cwts., if ends firmly fixed and both Sides well Strutted to prevent Bending and Twisting. Clear Span in Feet.							
	4	6	8	10	12	14	16	18
$2 \times 2 \times \frac{5}{16}$ in.	9	6	$4\frac{1}{2}$	$3\frac{1}{2}$	3			
$2\frac{1}{2} \times 2\frac{1}{2} \times \frac{3}{8}$ in.	16	11	8	6	5			
$3 \times 3 \times \frac{3}{8}$ in.	28	19	14	11	$9\frac{1}{2}$	8		
$3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{8}$ in.	39	26	$19\frac{1}{2}$	$15\frac{1}{2}$	13	11	$9\frac{1}{2}$	
$4 \times 4 \times \frac{1}{2}$ in.	62	41	31	25	21	$17\frac{1}{2}$	$15\frac{1}{2}$	$13\frac{1}{2}$

Quotations on receipt of requirements stating Sections and Lengths required.

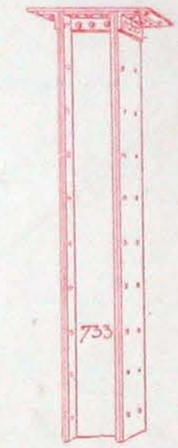
STEEL STANCHEONS.

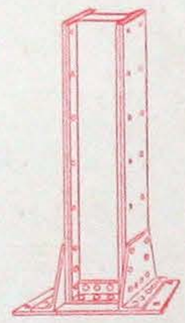
STEEL STANCHEONS.

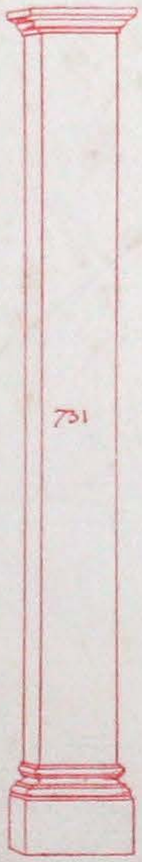




No. of Section.	Size in inches. Deep.	Wide.	Safe Dead Loads in Tons, if ends flat and well fixed. Clear Length of Stancheon in Feet. 8	10	12	14	16	18	20	22	24	26	28	30
141A	3	× 3	6											
141B	4	× 3	7											
141C	5	× 3	8											
141D	5	× 4½	15	14	13									
141E	6	× 5	25	24	22	20								
141F	7	× 3¾	14	12	10									
141G	8	× 4	17	14	12									
141H	8	× 5	27	25	22	19								
141I	8	× 6	36	32	28	25	22							
141J	9½	× 4½	24	21	18									
141K	9	× 7	59	56	53	51	49	47						
141L	10	× 5	32	28	25	22								
141M	10	× 6	47	43	40	37	34							
141N	12	× 5	38	34	30	27								
141O	12	× 6	49	45	41	38	35							
141P	13 13/16	× 5½	51	46	41	37	33							
141Q	15¾	× 6 5/32	69	61	55	49	44	40						
	Construction.													
142A	2/9	× 7		119	111	103	95	87	80	73	67			
142B	2/12	× 6		109	104	100	94	88	82	77	72	68		
142C	12	× 6		118	112	106	100	94	88	83	78	73		
	9	× 7												
143A	1/7	× 3¾		37	33	29	26	23						
	2/4	× 3												
143B	1/9½	× 4½		69	64	59	54	49	44	41	38			
	2/5	× 4½												
143C	1/12	× 5		102	96	90	84	79	74	69	65			
	2/6	× 5												
143D	1/13 13/16	× 5½		125	115	107	100	94	88	83	78	74	70	66
	2/8	× 5												
143E	1/15¾	× 6 5/32		153	142	133	124	116	108	101	95	89	84	80
	2/8	× 6												



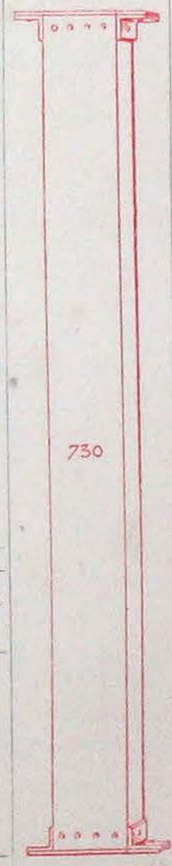




Sections.



No. of Section.	Construction.	Safe Dead Loads in Tons, if ends flat and well fixed. Clear Length of Stancheon in Feet. 12	14	16	18	20	22	24	26	28	30
144A	Joist 8 × 6, Plates 9 × ½	61	54	49	44	40	42				
144B	do. 10 × 6, do. 11 × ½	84	77	71	66	62	60	58			
144C	do. 12 × 6, do. 14 × ½	99	92	86	80	76	73	71	69	67	
144D	do. 9 × 7, do. 10 × ½	86	80	74	69	64	61	58			
145A	Channel 7⅛ × 2¾, Plates 9 × ½	62	59	56	53						
145B	do. 9⅞ × 3 9/16, do. 12 × ½	103	97	92	87	82	78	75			
146A	2 Joists 10 × 6 & 1 do. 8 × 6	121	112	104	97	91	86	81			
146B	2 do. 12 × 6 & 1 do. 10 × 6	154	145	137	129	122	116	110	105		
146C	2 do. 15¾ × 6⅛ & 1 do. 12 × 6	188	177	168	160	152	145	139	135	132	130
147A	2 Joists 8 × 5, 2 Plates 10 × ½	90	83	77	71	66	63				
147B	2 do. 9¾ × 4, 2 do. 8 × ½	69	62	56	51	47					
147C	2 do. 8 × 6, 2 do. 12 × ½	104	95	87	80	75	71				
147D	2 do. 10 × 5, 2 do. 12 × ½	110	102	94	86	80	75	71	68		



No. of Section.	Construction.	Safe Dead Loads in Tons, if end flat and well fixed. Clear Length of Stancheon in Feet. 4	5	6	7	8	9	10	12
148A	1 Channel 5 11/16 × 2⅜	14	12	9	7	6			
148B	1 do. 7⅛ × 2¾	17	15	13	11	9	8		
148C	1 do. 9⅞ × 3 9/16	29	26	23	20	17	15	13	
149A	1/5 11/16 × 2⅜ & 1/7⅛ × 2¾	30	28	26	24	22	20		
149B	1/7⅛ × 2¾ & 1/9⅞ × 3 9/16	48	44	40	37	34	31	28	26

Quotations on receipt of requirements stating Sections and Lengths required.

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CATALOGUE Nº 34